

# PORTFOLIO SITES

- BUDGET (AGAIN)
- REFERENCES

• JOB HUNT JOURNAL

CRFX-4203 SP625

# PULL UP WEBSITES AND WORKSPACE

### PORTFOLIO SITES:

- HOW THE INTERNET WORKS
- "PUBLISHING" A WEBSITE
- WEB VS. PRINT
- PERSONAL SITE
- BEHANCE
- BUDGET REVIEW

### REFERENCES:

- PROJECT REQUIREMENTS REVIEW

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## FIRST, CAME THE TELEPHONE.

2024 INFORMATION

**1876**

While Italian innovator Antonio Meucci (pictured at left) is credited with inventing the first basic phone in 1849, and Frenchman Charles Bourseuil devised a phone in 1854, Alexander Graham Bell won the first U.S. patent for the device in 1876.

## NEXT, THE COMPUTER.

2024 INFORMATION

— mid-1940s: First computer invented.

ENIAC ("eniac": Electronic Numerical Integrator and Computer) was the first programmable, electronic, general-purpose digital computer, completed in 1945.

## AND FINALLY, THE INTERNET

2024 INFORMATION

The Internet is a global network of billions of computers and other electronic devices. With the Internet, it's possible to access almost any information, communicate with anyone else in the world, and do much more. You can do all of this by connecting a computer to the Internet, which is also called going online.

## GENESIS: THE INTERNET

2024 INFORMATION

- CompuServe was founded in 1969 as a timesharing service and is considered one of the oldest online information services.
- An online information service is one that provides access to the Internet.
- Then eventually emails and other means of communication were available for a price to mostly academic and government offices.
- By the late 1970s and early 1980s, people with the financial means and some schools began purchasing the much smaller "personal computer."
- This decade also saw the type of social media we would recognize today developing soon after allowing people to communicate through virtual newsletters, articles, or posts to newsgroups.

# What is the Internet?

Internet  
Internet  
Internet  
Internet  
Internet  
Internet  
Internet

My very quick, very rough explanation of how we see/read/do anything on the internet.

WARNING: This might not make any sense and that's ok. ;)

### HTML Documents

All HTML documents must start with a document type declaration: `<!DOCTYPE html>`.

The HTML document must begin with `<html>` and end with `</html>`.

The body part of the HTML document is between `<body>` and `</body>`.

### Examples in Each Chapter

The CSS below contains hundreds of CSS examples.

View our online editor, you can edit the CSS, and click on a button to view the result.

### CSS Example

```

body {
  background-color: #f0f0f0;
  font-family: sans-serif;
  font-size: 1em;
  margin: 0;
  padding: 0;
}
h1 {
  color: #000080;
  font-size: 2em;
  margin: 0;
}
h2 {
  color: #000080;
  font-size: 1.5em;
  margin: 0;
}
h3 {
  color: #000080;
  font-size: 1.2em;
  margin: 0;
}
h4 {
  color: #000080;
  font-size: 1.1em;
  margin: 0;
}
h5 {
  color: #000080;
  font-size: 1em;
  margin: 0;
}
h6 {
  color: #000080;
  font-size: 0.9em;
  margin: 0;
}

```

10011001

## 100 SECONDS OF

# 10011001

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## PUBLISHING A SITE - whether or not you code it.

- In order to have a functioning website, you need both a **domain** and a **hosting space**.

## PUBLISHING A SITE - whether or not you code it.

- In order to have a functioning website, you need both a **domain** and a **hosting space**.

### - Domain:

- The address, which allows a visitor to easily find your website online.
- Every domain is individual.
- To customize it costs extra money.

### - Website Host:

- Hosting is where the website files are stored.
- If you're coding your own > Git Hub, GoDaddy, + more.
- If you use a **Website Builder**, these come with their own Web Host space. (we'll come back to this)

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## PUBLISHING A SITE - whether or not you code it.

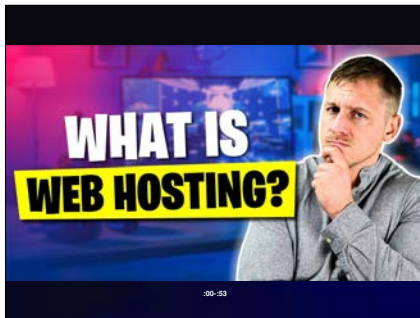
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## PUBLISHING A SITE - whether or not you code it.

### - Website Browsers

- Web browsers are used primarily for displaying and accessing websites on the internet.
- **Browsers translate** web pages and websites delivered using Hypertext Transfer Protocol (HTTP) into human-readable content.

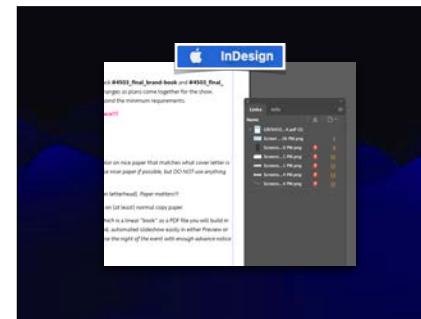
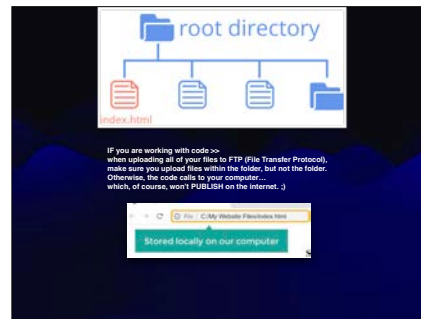
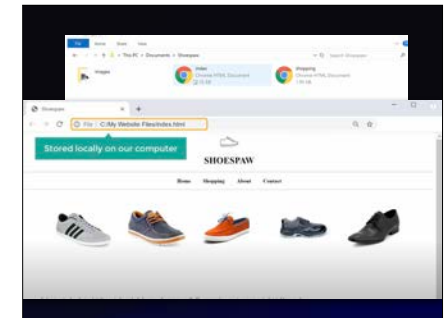


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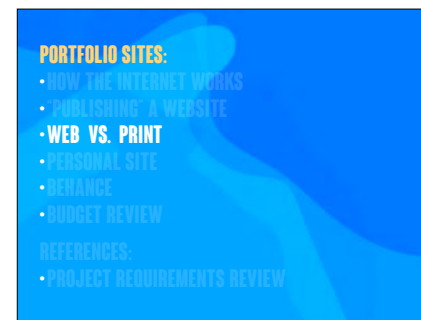
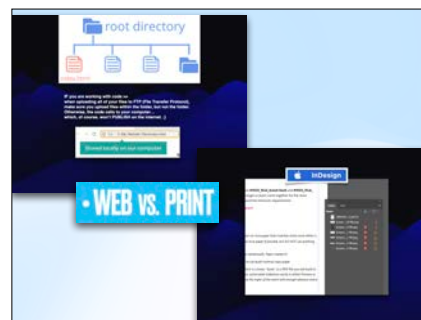
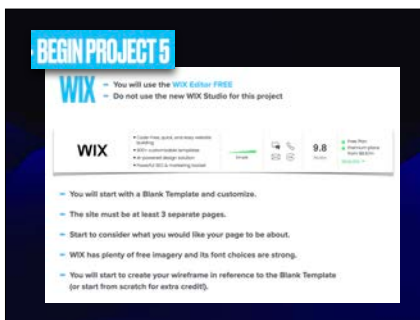
- You can open a local **html** file in a **Web Browser** to see how it will look IF it were published, but it's not published.



## PUBLISHING A SITE - whether or not you code it.

### - Website Builder

Website Builder	Main Advantages	Ease of Use	Support	Score	Price
1. WIX	• Create sites quick & stress-free • 100+ customizable templates • No programming or design needed • Affordable SEO & marketing features	Simple	Good	9.8	Free Plan Premium plans from \$16/mo
2. Editor X	• Stunning features for website designers • Multiple business & marketing solutions • Advanced management features • Superb user flexibility for the files	Medium	Good	9.5	Free Plan Premium plans from \$19/mo
3. WORDPRESS	• Scalable WordPress CMS • Includes hosting, domain & plugins • Advanced flexibility & customization	Complex	Good	9.2	Free Plan Premium plans from \$24/mo
4. SQUARESPACE	• CMS & CMS-across • Streamline Apps & Integrations	Simple	Good	8.9	Free Plan Premium plans from \$16/mo
5. weebly	• Dynamic Video Background • Built-in Image Editor	Simple	Good	8.7	Free plan Premium plans from \$12/mo



### PRINT MINDSET

- Art the priority
- Rely on WYSIWYG to mimic print
- Little consideration to hardware and software
- Printed = Finished

### WEB MINDSET

- Content the priority
- Getting info to viewer in practical way, rather than distracting with cool effects
- (CSM sites = WYSIWYG)
- Posted =

WYSIWYG ("WIZ-ee-wig"): What You See Is What You Get

### PRINT DIMENSIONALITY

- 2-dimensional
- Much attention to layout
- Interplay between spreads
- Fixed size canvas
- Tangible is part of the experience

### WEB DIMENSIONALITY

- 1-dimensional or N-dimensional
- Fundamentally a scrolling experience for user
- Little fixed spatial relationship
- What's early on the page, what's later on the page

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- What's early on the page, what's later on the page
  - Precise placement of elements on a web page goes against the nature of HTML, and can only be achieved to an approximation for pages that are able to adjust to different window sizes.
  - Thus, 2-dimensional relationships between page elements are less important than 1-dimensional relationships (what's early on the page; what's later on the page).

### PRINT NAVIGATION

- Linear


**1. ADDITIVES**

A linear process or development is one in which something changes or progresses in steps from one stage to another, and has a starting point and an ending point.

...decisions that lead the story in various directions, rather than follow traditional linear storytelling.

### WEB NAVIGATION

- Web is not linear like print.



### PRINT NAVIGATION

- Linear
- Table of Contents

### WEB NAVIGATION

- Web is not linear like print.
- Doing more than just seeing
- Hypertext navigation is the essence of Web
- You can't assume the viewer has seen previous pages or will proceed to subsequent pages on your web site
- Each page must be able to stand on its own

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### PRINT CANVAS & RESOLUTION

- Print is immensely superior to the Web in terms of speed, type and image quality, and the size of the visible space.
- The tangible page is part of the user's experience.
- Vector vs. Raster Review
- Depending on the printer, the minimum DPI is usually 150DPI, 300 DPI is preferred.
- "Photoshop Math" L x W at DPI
  - Always relative.
  - Can't make up lost data.

### WEB CANVAS & RESOLUTION

- 72 PPI
  - Anything higher has no improved effect
  - Longer download times
- THINK IN PIXELS!
- "Optimize Image for Web"
  - Making images look good.
  - Making images load quickly.
  - Making images easy for search engines to index.
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- Google's answer to the above, began 2010.
- "S V G" (SVG) = scalable vector graphics
  - Uses vectors to display images.
  - Small file size (KB vs MB) because images are defined by mathematical equations rather than pixels.
  - Easily manipulated using CSS and JavaScript. This means that you can change the appearance of an SVG image on your website simply by adjusting some code, without needing to create a new image file.

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### PRINT IMAGE FILES

- Native File Types are for building your file, but not often desired by press.
- When you send to a printer, ask them what is wanted.
- Otherwise, make it a PDF ("Printed" to file).
- .AI . PSD . INDD
- Beware the Photoshop PDF!!!! It is not the same as a PDF from Illustrator or InDesign.
- TIFF
  - Beware .JPEG and PNG, but use them if high enough resolution and not compressed too many times.
  - SVG has no purpose.

### WEB IMAGE FILES

- "GIF" or "JPG" (GIF)
  - Supported by all web browsers
  - Can include transparent backgrounds
  - Better for line and flat art, avoid gradients
- "JPEG" (.JPG)
  - Superior in rendering color and detail
  - Disastrous in graphics with tonal variation
- "PNG" or "P N G" (PNG)
  - Graphics, especially those using large, flat areas of color, should be saved as PNGs. This includes most designs, infographics, images with lots of text in them, and logos.
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### PRINT COLOR

- It costs money to print in color
  - more for color than black
  - "and white" assumes it's on white paper. NOT white ink.

### WEB COLOR


- It's cheap.
  - Technically, you can produce millions of colors on your screen, provided your monitor and video display are a decent quality.

### PRINT COLOR

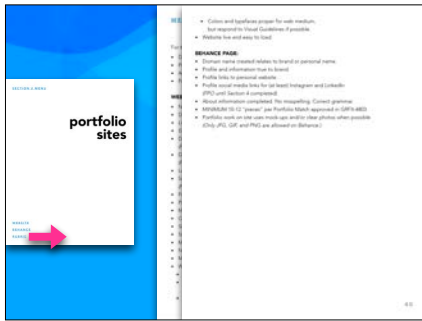
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- CMYK
  - Cyan Magenta Yellow Black (K is for the black Key Plate)
  - 4-Color Process
- RGB
  - Red Green Blue
  - Web Offset Press (nothing to do with WWW - just 1 continuous roll of paper)
- PMS
  - Pantone Matching System

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**budget**

**WEBSITE COST RESEARCH**

Get information from Portfolio Sites project. Find the cost of what is needed for your activities. This is required even if you do not end up building a personal site.

Most of you will build a CMS one, so the following:

- Cost for CMS will vary from around \$100 to at least \$1,000.
- List domain name with cost.
- List anything else that comes with the price.
- Information for the same CMS version when the cost is free.
- List the free domain name.
- List any significant differences, especially any required personal information, pass to other companies.

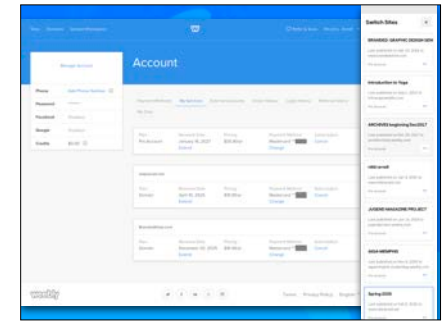
OR if you are going to code your own site, do the following:

- Cost for backspace and custom domain for at least \$1,000 (at more extra cost)

**DOE = WHAT - WHEN - WHERE**

Assignment: Conduct research through PPT the DOE published to Canvas (Assignment by 7:30am on Tues Feb 11)

Due: 11:59pm on Tues Feb 11



**WIX**

https://www.viscomm.info/

**WIX**

Account information, including name, email, and phone number.

And has this Wix ad strip.

FREE WIX SITE, BUT THE URL IS https://arnellnikk4.wixsite.com/my-site/blog

arnellnikk4.wixsite.com will NOT work.

**404 ERROR PAGE NOT FOUND**

This page isn't available.

**Compare WordPress.com**

Build your goals as a site, blog, business, or store that should start from scratch, you've got your own. See how WordPress.com compares to Wix and Squarespace.

	WordPress.com	WIX	Squarespace
Website	Yes	Yes	Yes
Blog	Yes	Yes	Yes
Online Store	Yes	Yes	Yes
Mobile App	Yes	Yes	Yes
SEO	Yes	Yes	Yes
Analytics	Yes	Yes	Yes
Customization	Yes	Yes	Yes
Support	Yes	Yes	Yes
Security	Yes	Yes	Yes
Performance	Yes	Yes	Yes
Integration	Yes	Yes	Yes
Flexibility	Yes	Yes	Yes
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Reliability	Yes	Yes	Yes
Accessibility	Yes	Yes	Yes
Compliance	Yes	Yes	Yes
Security	Yes	Yes	Yes
Performance	Yes	Yes	Yes
Integration	Yes	Yes	Yes
Flexibility	Yes	Yes	Yes
Scalability	Yes	Yes	Yes
Reliability	Yes	Yes	Yes
Accessibility	Yes	Yes	Yes
Compliance	Yes	Yes	Yes
Security	Yes	Yes	Yes
Performance	Yes	Yes	Yes
Integration	Yes	Yes	Yes
Flexibility	Yes	Yes	Yes
Scalability	Yes	Yes	Yes
Reliability	Yes	Yes	Yes
Accessibility	Yes	Yes	Yes
Compliance	Yes	Yes	Yes
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Integration	Yes	Yes	Yes
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Reliability	Yes	Yes	Yes
Accessibility	Yes	Yes	Yes
Compliance	Yes	Yes	Yes
Security	Yes	Yes	Yes
Performance			

rubric

references

For the **REFERENCES** concept you will be graded on the following:

- Questions were followed accurately with attention to notes
- Presence and active participation in all classes, before and outside
- Answers are complete
- Answers are well
- References provided in good of completed
- No misspellings or grammatical errors
- Analysis: How much did you challenge yourself?

48