

**www.girlcoders.com**

**Citizens Schools at Global Tech Prep Spring 2012**  
in collaboration with **CodeEd.org**

# INTRODUCTIONS

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# COURSE OBJECTIVES

- learn how to program in HTML
- design your own website
  - choose your own topic
- further develop public speaking skills
- awareness of educational + career goals

# 10 WEEK PLAN

- WOW! @ New York University
- Lesson 9: Public Speaking
- Lesson 8: Design
- Lesson 7: Music
- Lesson 6: Videos
- Lesson 5: Review
- Lesson 4: Tables
- Lesson 3: Images
- Lesson 2: Structure
- **Lesson 1: Introductions**



<lesson #1>

# WHAT IS HTML?

## **Agenda**

- computer basics and important concepts
- explanation of tags (<html>, </html>)
- create a .html file using emacs
- save and view file
- upload webpage to server

# EXPECTATIONS

Come to class on time prepared with your laptop, a pen/pencil and a positive attitude!



Come to class on time prepared with your laptop, a pen/pencil and a positive attitude!

Raise your hand to ask a question



Come to class on time prepared with your laptop, a pen/pencil and a positive attitude!

Raise your hand to ask a question

Use respectful language to yourself and others

Come to class on time prepared with your laptop, a pen/pencil and a positive attitude!

Raise your hand to ask a question

Use respectful language to yourself and others

Help out your classmates if you understand something and other people are struggling!



Come to class on time prepared with your laptop, a pen/pencil and a positive attitude!

Raise your hand to ask a question

Use respectful language to yourself and others

Help out your classmates if you understand something and other people are struggling!

Stay on task during computer work time- on the appropriate site and following the instructions



JEOPARDY

# HTML

- HTML stands for **H**yper **T**ext **M**arkup **L**anguage
- programming language
- used to make webpages

# TAGS

- set of commands that the computer understands
- they always come in pairs
  - there is a start tag `<html>` and there is an end tag `</html>`
  - tags must be wrapped in less than and greater than signs
  - end tags have a forward slash after the less than sign



LESSON

bold

<b>



</b>

<b>

</b>

bold



<b>

<b> bold

<b> Hello



<b> Hello </b>

**Hello**

<b> Hello </b>



<b> Hello </b>

<b> Hello </b>

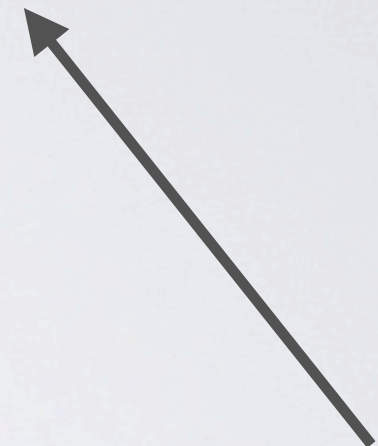


start tag

<b> Hello </b>



start tag



end tag



**<b> Hello </b>**

start tag

content

end tag



<b> **bold** </b>

<b> **bold** </b>

<u> underline </u>

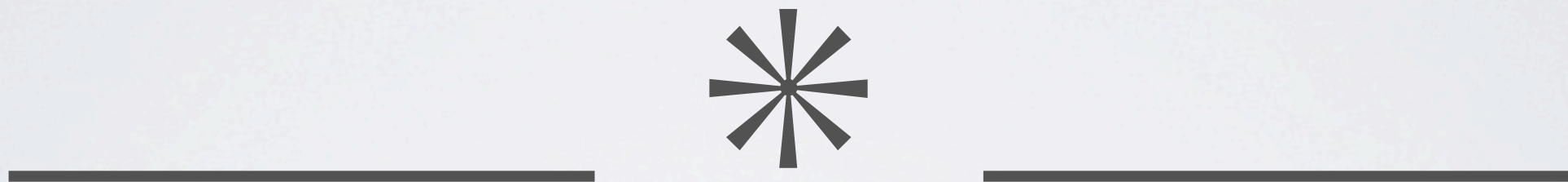


<b> **bold** </b>

<u> underline </u>

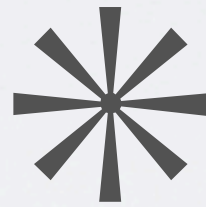
<i> *italicize* </i>

# EXAMPLE 1



# EXAMPLE 1

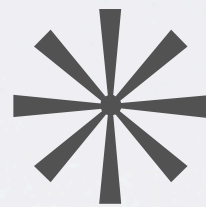
<marquee>





# EXAMPLE 1

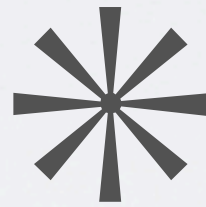
<marquee>



</marquee>

# EXAMPLE 1

<marquee>



</marquee>

# EXAMPLE 2

<u> What's wrong? <u>



# EXAMPLE 2

<u> What's wrong? </u>

# EXAMPLE 2

<u> That's correct! </u>

DEMONSTRATION



# REVIEW

- What is HTML?
- How do you open the file called index.html?
- What are HTML tags?
- How do you save a file?
- What are the HTML tags that tells the computer to start and end reading a webpage?
- How do you bold the word smart?
- How do you underline the word girl?
- How would you make the word computer italicized?

# HANDOUTS

END