

“Introduction to HTML”

13 April 1999

Administrivia

- 3 handouts in back (including this one)
- Assignment 8 is due this week; assignment 9 is due next week
- The basics of computer usage...
- Coming to campus to do homework...
- Study group: Saturdays, 11:00 AM; tutors: contact me
- *Idiot's* book
- Camera shyness

Topics

- Lecture 3/16/99's discussion of disk fragmentation revisited
- Web servers and clients (browsers): what exactly do they do?
 - HTTP: requests and responses
 - Files and file types (extensions)
- Structure of a Web site
 - index.html, *.html, *.htm
 - *.gif, *.jpg, *etc.*
 - public_html
 - Root folder (/)
 - Users' home directories (/~username)
 - File permissions
- Structure of a Web page: HTML
 - Tags (open and close tags); top-to-bottom parsing
 - Fundamentals
 - <HTML> and </HTML>
 - <HEAD> and </HEAD>
 - <BODY> and </BODY>
 - <TITLE> and </TITLE>
 - Formatting
 - <CENTER> and </CENTER>
 - <H1> and </H1> through <H6> and </H6>
 - and , <I> and </I>, and <U> and </U>
 - and or and with
 -

 - <HR>
 - <P>
 - Hyperlinking
 - [name of link]
 - [name of link]
 - Attributes (A with HREF; BODY with BGCOLOR or BACKGROUND)
 - Style: to capitalize or not to capitalize
- Creating Web pages on fas.harvard.edu
 - cd public_html

Computer Science E-1: Introduction to Personal Computers and the Internet
Spring 1999

- `pico index.html`
- `fixwebfiles`

Recalling 9 February 1999...

```
<HTML>
<HEAD>
<TITLE>What am I?</TITLE>
</HEAD>

<BODY BGCOLOR="#ffffff">

<CENTER>

<H1>What am I?</H1>

<BR><BR>

<IMG SRC="nobody.gif">

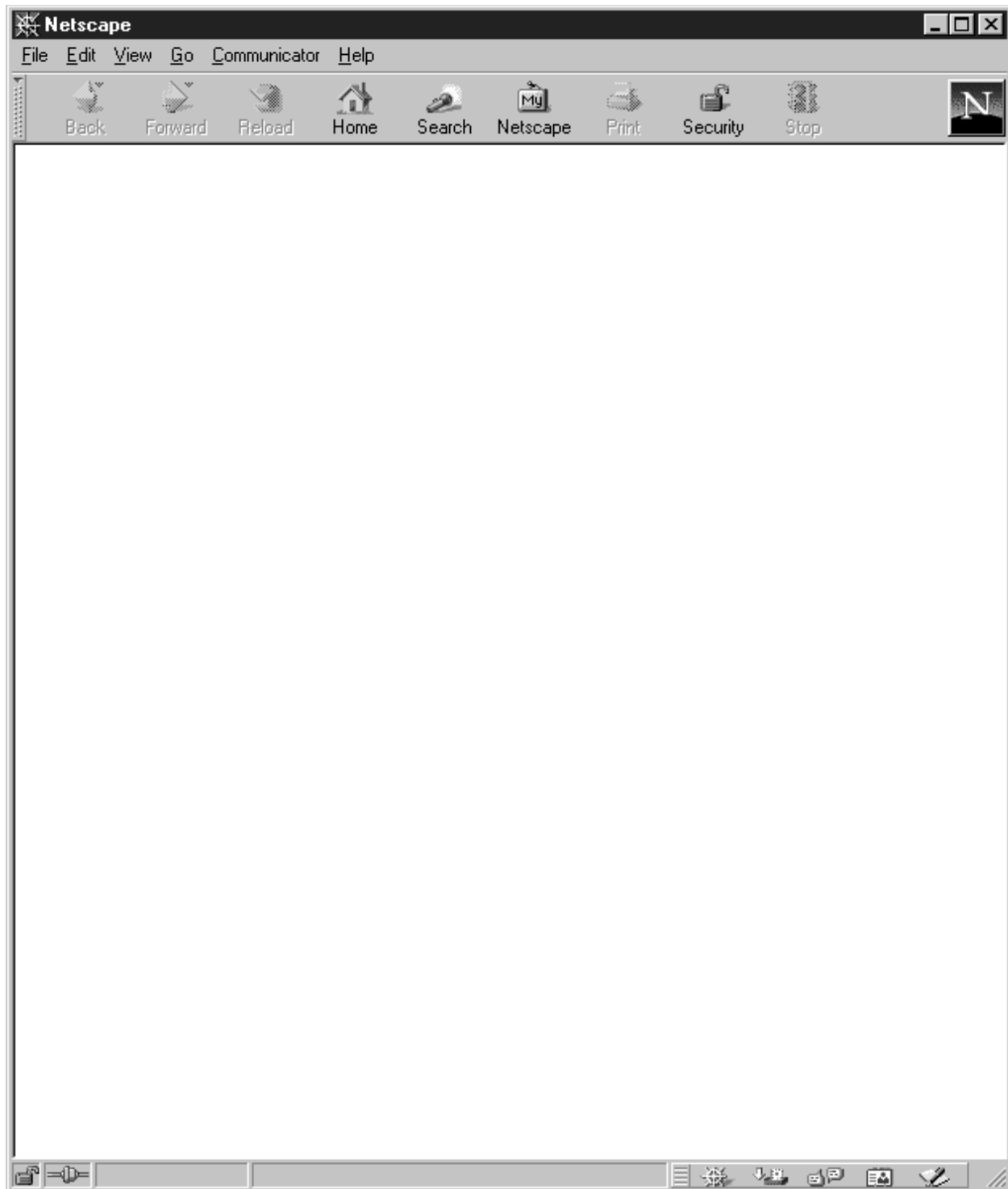
<BR><BR>

<FONT SIZE="5" COLOR="red">
Greetings!
</FONT>

</BODY>

</HTML>
```

A blank slate



“Debugging” HTML

Task 1

```
<HTML>
<HEAD>
My best Web page!
</HEAD>

<BODY>
Coming soon!
</BDOY>

</HTML>
```

Task 2

```
<HTML>
<TITLE>
<HEAD>
Welcome to my lair
<\HEAD>
<\TITLE>

<BODY BGCOLOR="#000000">

<CENTER>
<FONT COLOR="white">My, how dark it is in here.</FONT>
<\CENTER>

<\BODY>

<\HTML>
```

“Debugging” HTML, continued

Task 3

```
<HTML>
<HEAD>
<TITLE>
A page of sentences
</TITLE>
</HEAD>

<BODY>

                <CENTER>
                This sentence is centered.

This sentence is flush-left.

<H1>This sentence is big.</H1>

</BODY>

</HTML>
```

Selected colors in hexadecimal notation

Aquamarine	#70DB93
Baker's Chocolate	#5C3317
Black	#000000
Blue	#0000FF
Blue Violet	#9F5F9F
Brass	#B5A642
Bright Gold	#D9D919
Bronze	#8C7853
Bronze II	#A67D3D
Brown	#A62A2A
Cadet Blue	#5F9F9F
Cool Copper	#D98719
Copper	#B87333
Coral	#FF7F00
Corn Flower Blue	#42426F
Cyan	#00FFFF
Dark Brown	#5C4033
Dark Green	#2F4F2F
Dark Green Copper	#4A766E
Dark Olive Green	#4F4F2F
Dark Orchid	#9932CD
Dark Purple	#871F78
Dark Slate Blue	#6B238E
Dark Slate Grey	#2F4F4F
Dark Tan	#97694F
Dark Turquoise	#7093DB
Dark Wood	#855E42
Dim Grey	#545454
Dusty Rose	#856363
Feldspar	#D19275
Firebrick	#8E2323
Forest Green	#238E23
Gold	#CD7F32
Goldenrod	#DBDB70
Green	#00FF00
Green Copper	#527F76
Green Yellow	#93DB70
Grey	#C0C0C0
Hunter Green	#215E21
Indian Red	#4E2F2F
Khaki	#9F9F5F
Light Blue	#C0D9D9
Light Grey	#A8A8A8
Light Steel Blue	#8F8FBD
Light Wood	#E9C2A6
Lime Green	#32CD32
Magenta	#FF00FF
Mandarian Orange	#E47833
Maroon	#8E236B
Medium Aquamarine	#32CD99

Medium Blue	#3232CD
Medium Forest Green	#6B8E23
Medium Goldenrod	#EAEAAE
Medium Orchid	#9370DB
Medium Sea Green	#426F42
Medium Slate Blue	#7F00FF
Medium Spring Green	#7FFF00
Medium Turquoise	#70DBDB
Medium Violet Red	#DB7093
Medium Wood	#A68064
Midnight Blue	#2F2F4F
Navy Blue	#23238E
Neon Blue	#4D4DFF
Neon Pink	#FF6EC7
New Midnight Blue	#00009C
New Tan	#EBC79E
Old Gold	#CFB53B
Orange	#FF7F00
Orange Red	#FF2400
Orchid	#DB70DB
Pale Green	#8FBC8F
Pink	#BC8F8F
Plum	#EAADEA
Quartz	#D9D9F3
Red	#FF0000
Rich Blue	#5959AB
Salmon	#6F4242
Scarlet	#8C1717
Sea Green	#238E68
Semi-Sweet Chocolate	#6B4226
Sienna	#8E6B23
Silver	#E6E8FA
Sky Blue	#3299CC
Slate Blue	#007FFF
Spicy Pink	#FF1CAE
Spring Green	#00FF7F
Steel Blue	#236B8E
Summer Sky	#38B0DE
Tan	#DB9370
Thistle	#D8BFD8
Turquoise	#ADEAEA
Very Dark Brown	#5C4033
Very Light Grey	#CDCDCD
Violet	#4F2F4F
Violet Red	#CC3299
Wheat	#D8D8BF
White	#FFFFFF
Yellow	#FFFF00
Yellow Green	#99CC32