

---

## CS120 The Information Era

### TOPICS: CGI-Scripts

4/18/05

CS120 The Information Era

1

---

## CGI-Scripts

- Last week we wrote and ran our first CGI script
- What steps did we take to get the script up and running?

4/18/05

CS120 The Information Era

2

---

## Scripts and Forms

- Recall that forms are created

```
<FORM METHOD=GET ACTION="URL">
  <INPUT TYPE="text" NAME="name"
        SIZE="20" VALUE="Your name">
</FORM>
```
- To combine forms and scripts we need to put the url of the script in the action attribute

4/18/05

CS120 The Information Era

3

---

## Example

- Create the following CGI script using the same steps we used last time

```
#!/usr/bin/perl -wT
use CGI qw(:standard);
use CGI::Carp qw(warningsToBrowser fatalsToBrowser);
use strict;

print header;
print start_html("Get From");

my %form;
foreach my$p (param()) {
    $form{$p} = param($p);
    print "$p : $form{$p}<br>\n";
}
print end_html;
```

4/18/05

CS120 The Information Era

4

---

## Script

- Don't forget to change the permissions on the file
  - `chmod 755 filename`

4/18/05

CS120 The Information Era

5

---

## Html Page

- Create the following html page

```
<html><head><title>Test Form</title></head>
<body>
<form action="display.cgi" method="GET">
First Name: <input type="text"
              name="firstname" size=30><br>
Last Name: <input type="text"
              name="lastname" size=30><br>
<input type="submit"><p>
</form>
</body></html>
```

4/18/05

CS120 The Information Era

6

## Scripts

---

- Scripts can also be used to display html as well as simple text

```
#!/usr/bin/perl
print "Content-type: text/html\n\n";
print "<html>";
print "<head>";
print "Sports Authority";
print "</head>";
print "<body bgcolor=blue>";
print "<center><h3><font color=FFFFFF>Thank you for
signing up for the mailing list. In a couple of
days you will recieve all information regarding
discounts via email. Please browse the rest of our
website.</font></h3></center>";
print "</body>";
print "</html>";
```

4/18/05

CS120 The Information Era

7

## Problem

---

- Write a CGI script that will display the message below in red on a black background

---

Your exam has been submitted

You should receive your results within 15 days

---

- Write an html page that contains a button, and when clicking on the button, the above script will be called

4/18/05

CS120 The Information Era

8