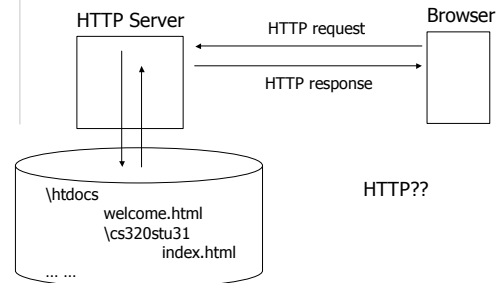


## CS320 Web and Internet Programming

Introduction to Server-side Programming

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## Web



## URL

http://cs.calstatela.edu:8080/cs320stu31/index.html

??      ??      ??      ??

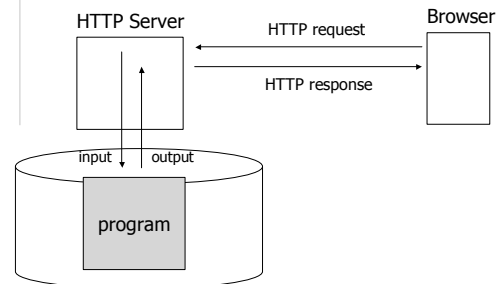
## HTML

```
<html>
  <head><title>CS320 Hello</title></head>
  <body>
    Welcome to <b>CS320</b>!
  </body>
</html>
```

## Dynamic Content

- ◆ Web search results
- ◆ Shopping cart
- ◆ ...
- ◆ Anything that need to be generated *on the fly* based on user request

## Deliver Dynamic Content



## Technology

- ◆ CGI
    - C, Perl
  - ◆ Java
    - Servlet/JSP
  - ◆ ASP.NET
    - VB, C#
  - ◆ PHP
  - ◆ Ruby
- } old  
} mainstream  
} new

## Terminology

- ◆ Application server
  - Servlet container
- ◆ *Server-side* programming vs. *Client-side* programming