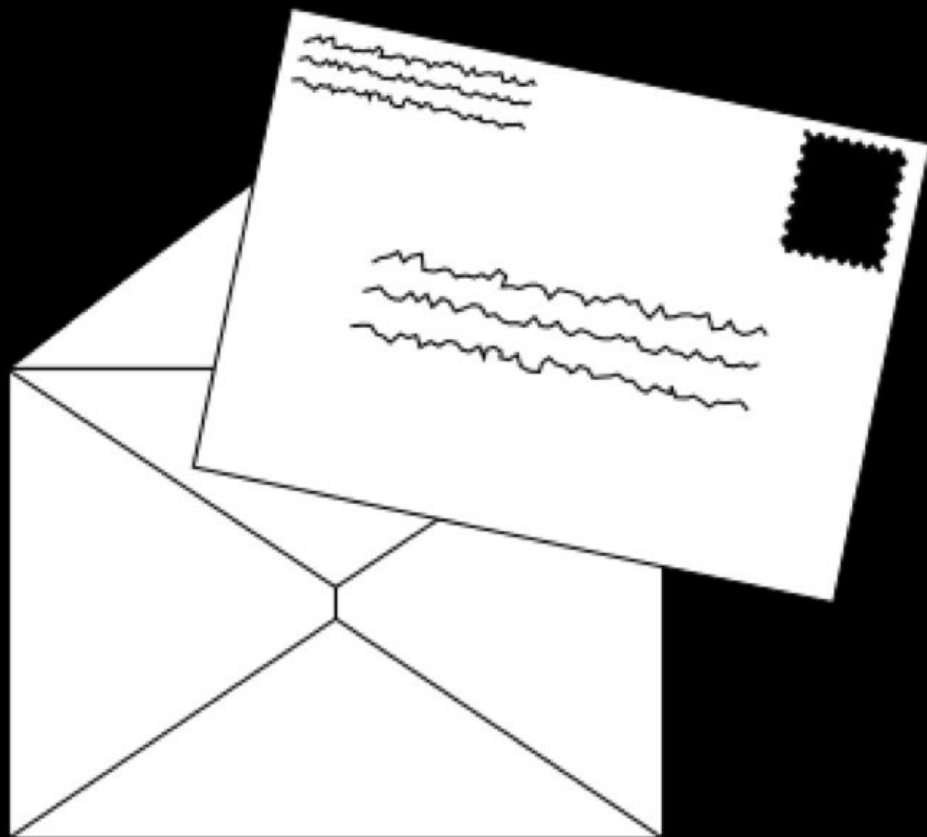


TCP/IP



<http://www.example.com/>

<http://www.example.com/>

<http://www.example.com/>

<http://www.example.com/>

<http://www.example.com/>

<http://www.example.com/index.html>

<http://www.example.com/>

HTTP

GET / HTTP/1.1

Host: www.example.com

...

```
GET /index.html HTTP/1.1
```

```
Host: www.example.com
```

```
...
```

GET / HTTP/1.1

Host: www.example.com

...

HTTP/1.1 200 OK

Content-Type: text/html

...

GET / HTTP/1.1

Host: harvard.edu

...

GET / HTTP/1.1

Host: www.harvard.edu

...

HTTP/1.1 301 Moved Permanently
Location: <https://www.harvard.edu/>

...

HTTP/1.1 404 Not Found
Content-Type: text/html

...

GET / HTTP/2

Host: www.example.com

...

HTTP/2 200

Content-Type: text/html

...

- 200 OK
- 301 Moved Permanently
- 302 Found
- 304 Not Modified
- 401 Unauthorized
- 403 Forbidden
- 404 Not Found
- 418 I'm a Teapot
- 500 Internal Server Error
- ...

GET / HTTP/1.1

Host: safetyschool.org

...

GET / HTTP/1.1

Host: www.harvardsucks.org

...

GET /search?q=cats HTTP/1.1

Host: www.google.com

...

HTML

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```



```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

CSS

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <style>

    </style>
    <title>
      hello, title
    </title>
  </head>
  <body>
    hello, body
  </body>
</html>
```

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <link href="styles.css" rel="stylesheet">
    <title>
      hello, title
    </title>
  </head>
  <body>
    hello, body
  </body>
</html>
```

validator.w3.org

JavaScript



C



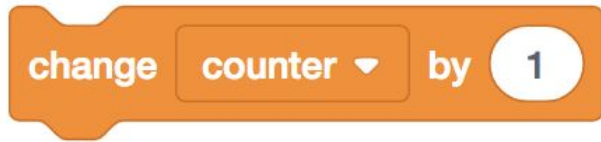
JavaScript



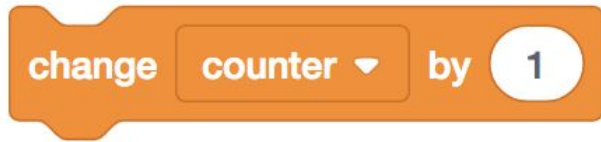
```
int counter = 0;
```



```
let counter = 0;
```



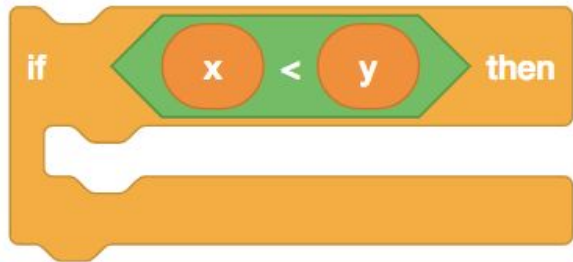
```
counter = counter + 1;
```



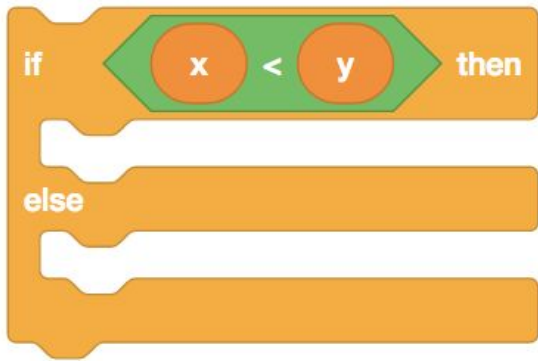
```
counter += 1;
```



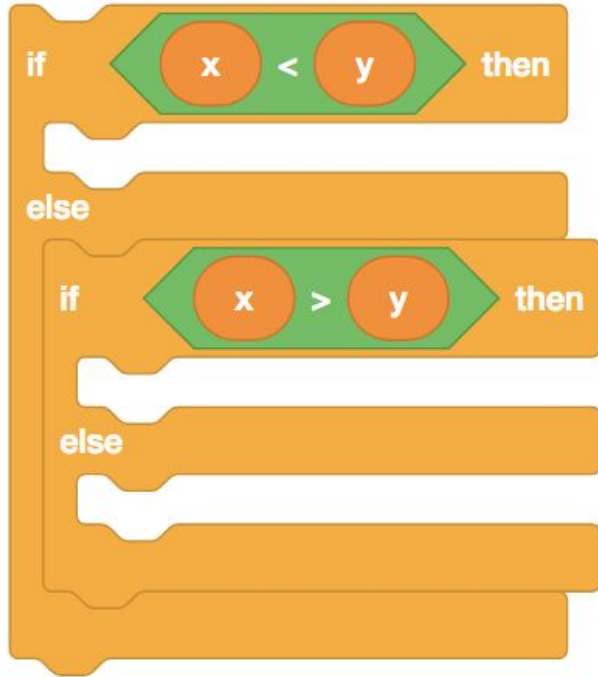
```
counter++;
```



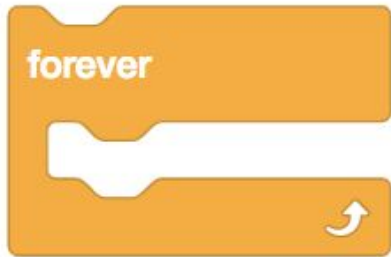
```
if (x < y)
{
}
```

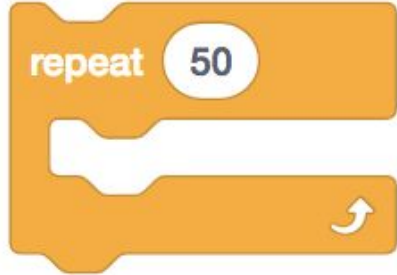
```
if (x < y)
{
}
else
{
}
```



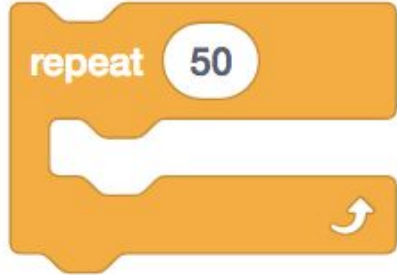
```
if (x < y)
{
}
else if (x > y)
{
}
else
{
}
```



```
while (true)
{
}
```



```
for (int i = 0; i < 50; i++)  
{  
  
}  
}
```



```
for (let i = 0; i < 50; i++)  
{  
  
}  
}
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

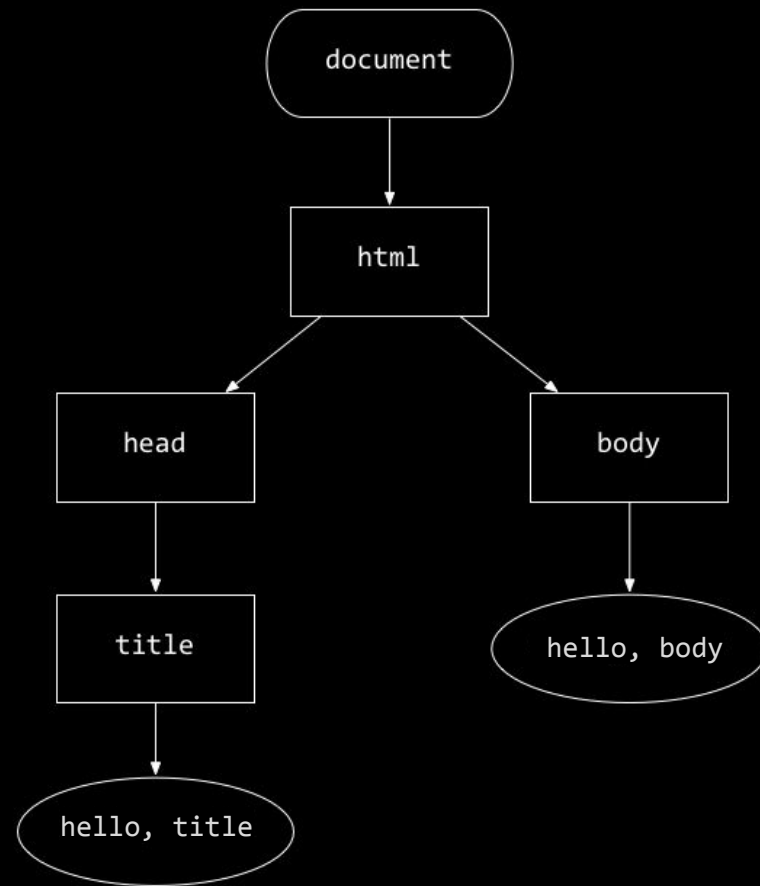
```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```



```
<!DOCTYPE html>

<html lang="en">
  <head>
    <script>

    </script>
    <title>
      hello, title
    </title>
  </head>
  <body>
    hello, body
  </body>
</html>
```



```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <script src="scripts.js"></script>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
  </body>
```

```
</html>
```

```
<!DOCTYPE html>

<html lang="en">
  <head>
    <title>
      hello, title
    </title>
  </head>
  <body>
    hello, body
    <script>

    </script>
  </body>
</html>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

```
  </head>
```

```
  <body>
```

```
    hello, body
```

```
    <script src="scripts.js"></script>
```

```
  </body>
```

```
</html>
```

- blur
- change
- click
- drag
- focus
- keypress
- load
- mousedown
- mouseover
- mouseup
- submit
- touchmove
- unload
- ...
-

This is CS50