

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

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

```
...
```

GET /search?q=cats HTTP/1.1

Host: www.google.com

...

HTTP/1.1 200 OK

Content-Type: text/html

...

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

...

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

...

```
<!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>
```

```
<!DOCTYPE html>
```

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

```
  <head>
```

```
    <title>
```

```
      hello, title
```

```
    </title>
```

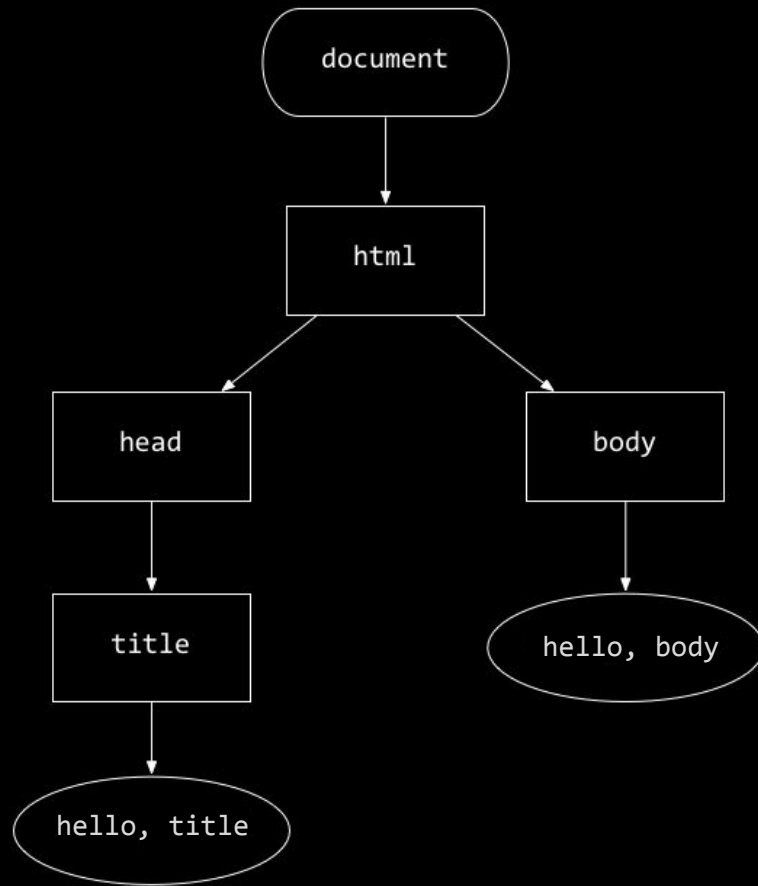
```
  </head>
```

```
  <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>
```



C



JavaScript



Python



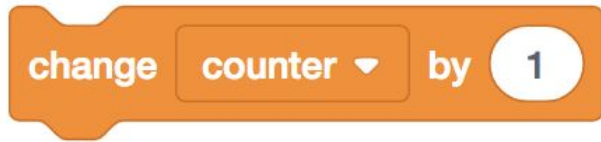
```
int counter = 0;
```



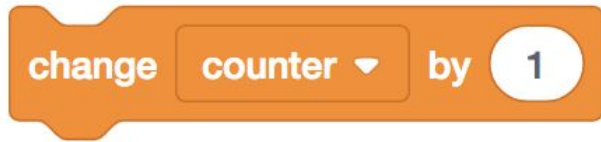
```
let counter = 0;
```



```
counter = 0
```



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



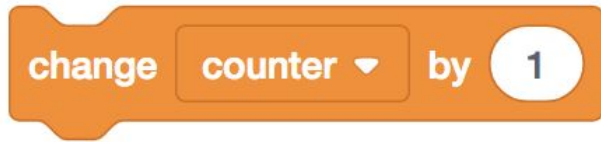
```
counter = counter + 1
```



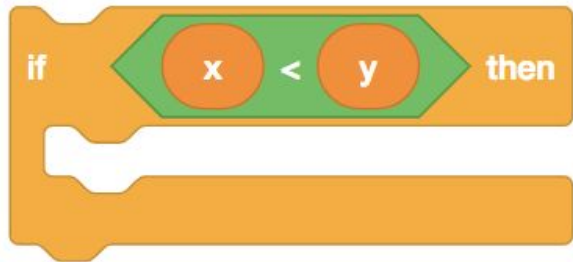
```
counter += 1;
```



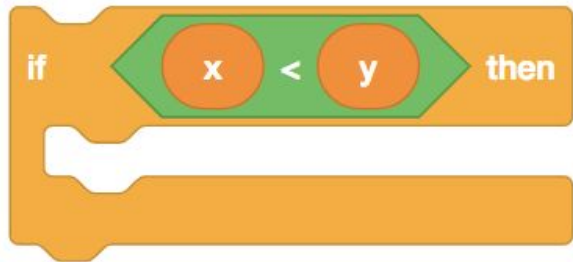
```
counter += 1
```

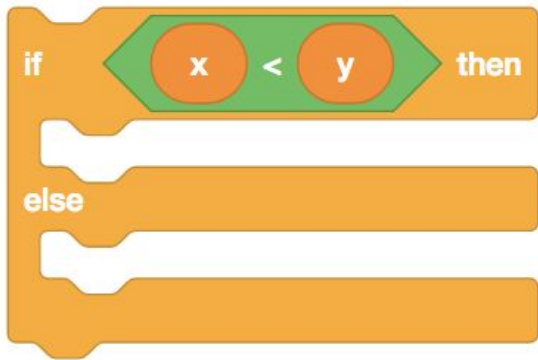
```
counter++;
```



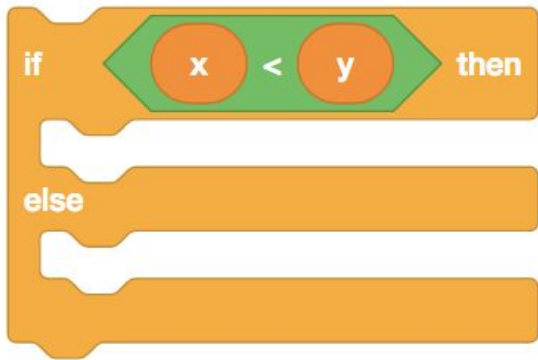
```
if (x < y)
{
}
}
```



```
if x < y:
```

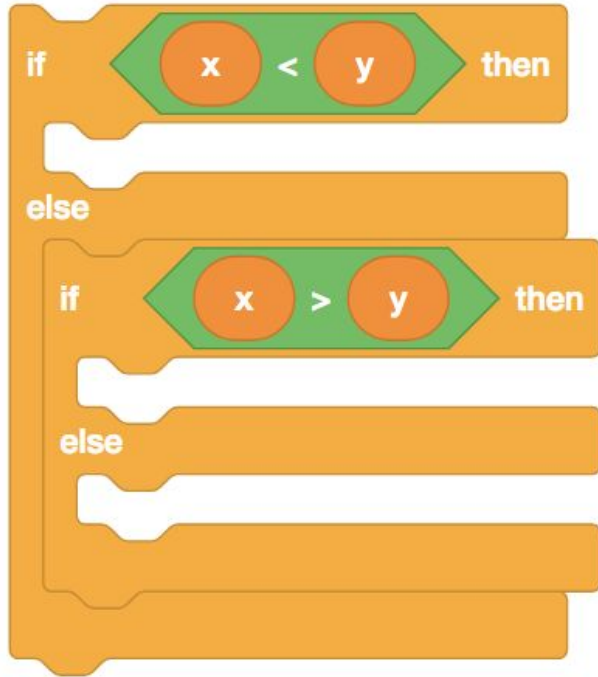


```
if (x < y)
{
}
else
{
}
```

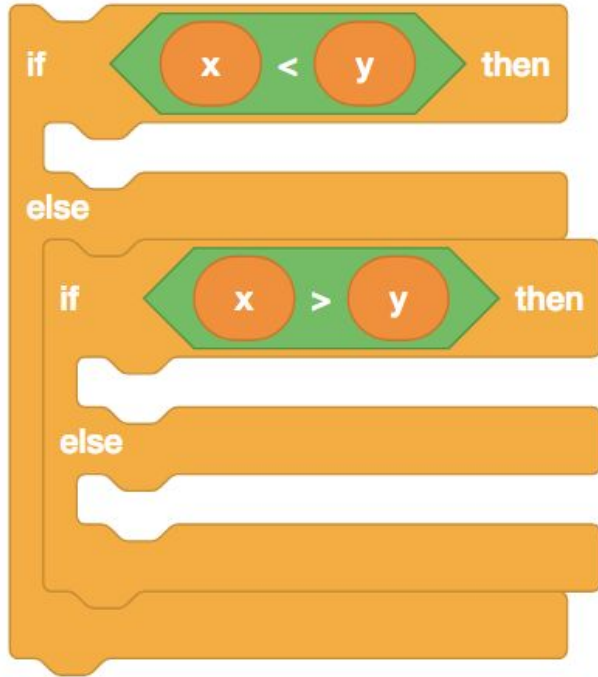


```
if x < y:
```

```
else:
```



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



```
if x < y:
```

```
elif x > y:
```

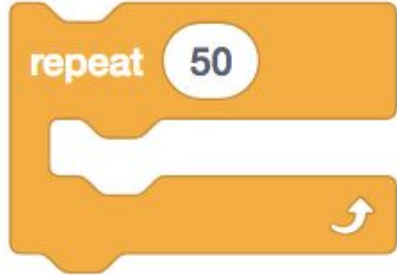
```
else:
```



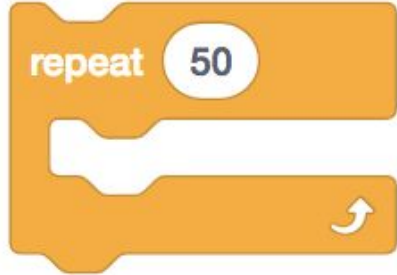
```
while (true)
{
}
```



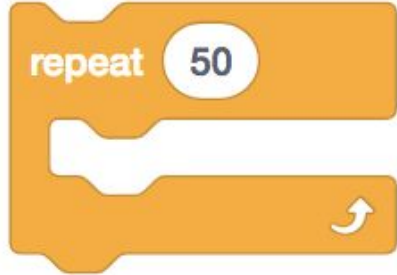

```
while True:
```



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



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



```
for i in range(50):
```

bool

char

double

float

int

long

string

...

bool

float

int

str

...

dict

list

range

set

tuple

...

get_float

get_int

get_string

...


```
#include <cs50.h>
```

```
from cs50 import get_float, get_int, get_string
```

```
clang -o hello hello.c
```

```
./hello
```

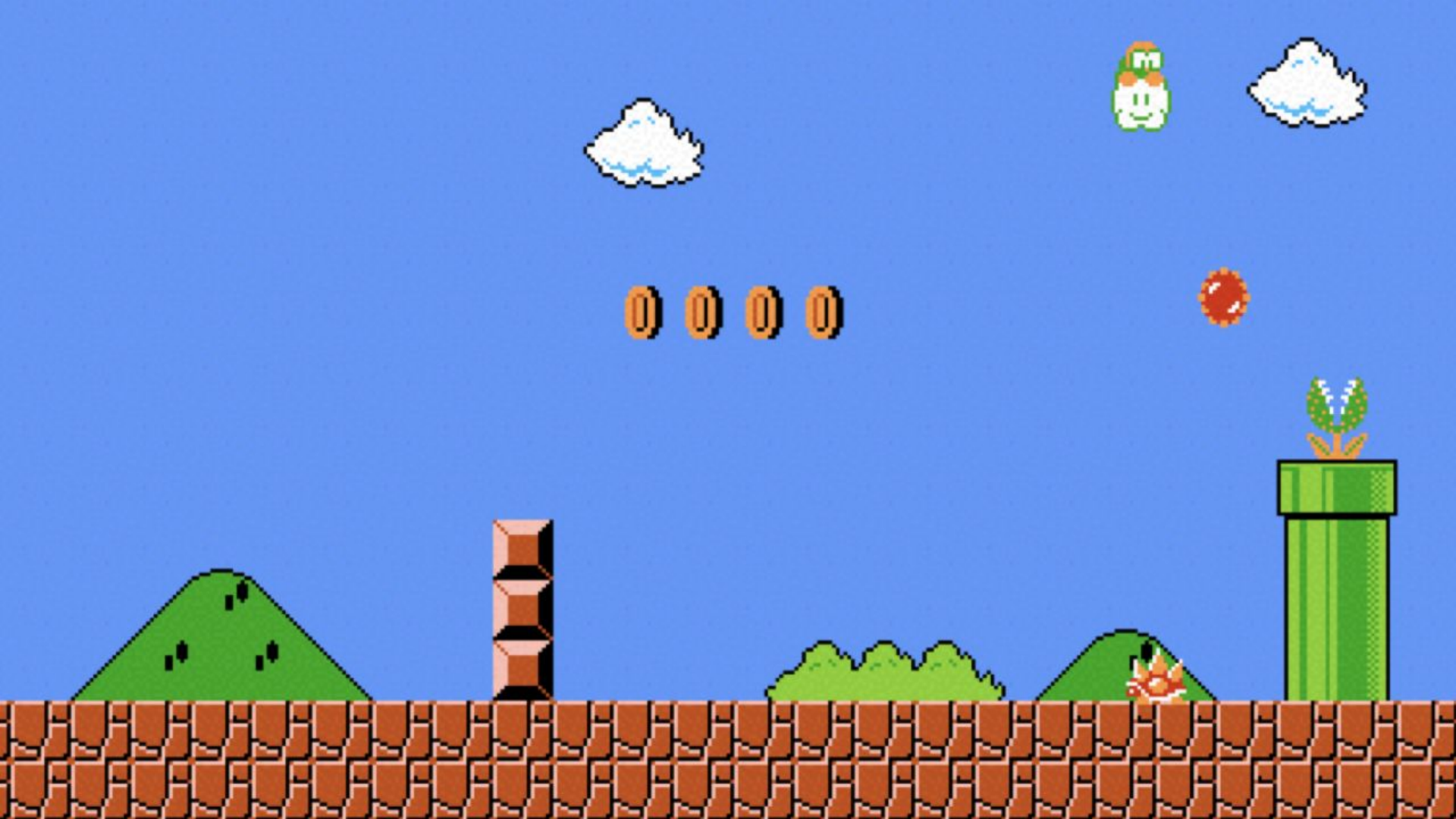
```
make hello
```

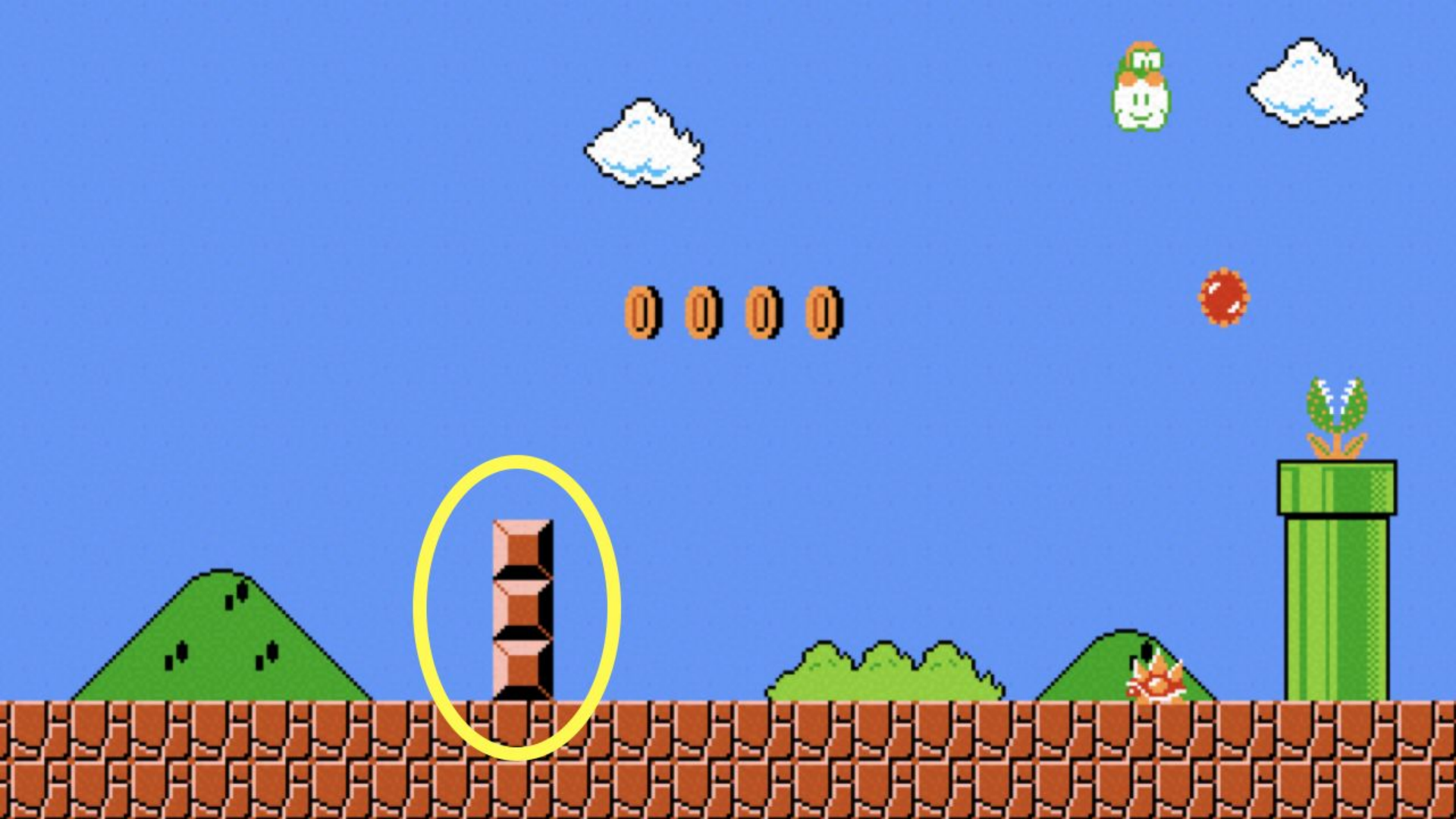
```
./hello
```

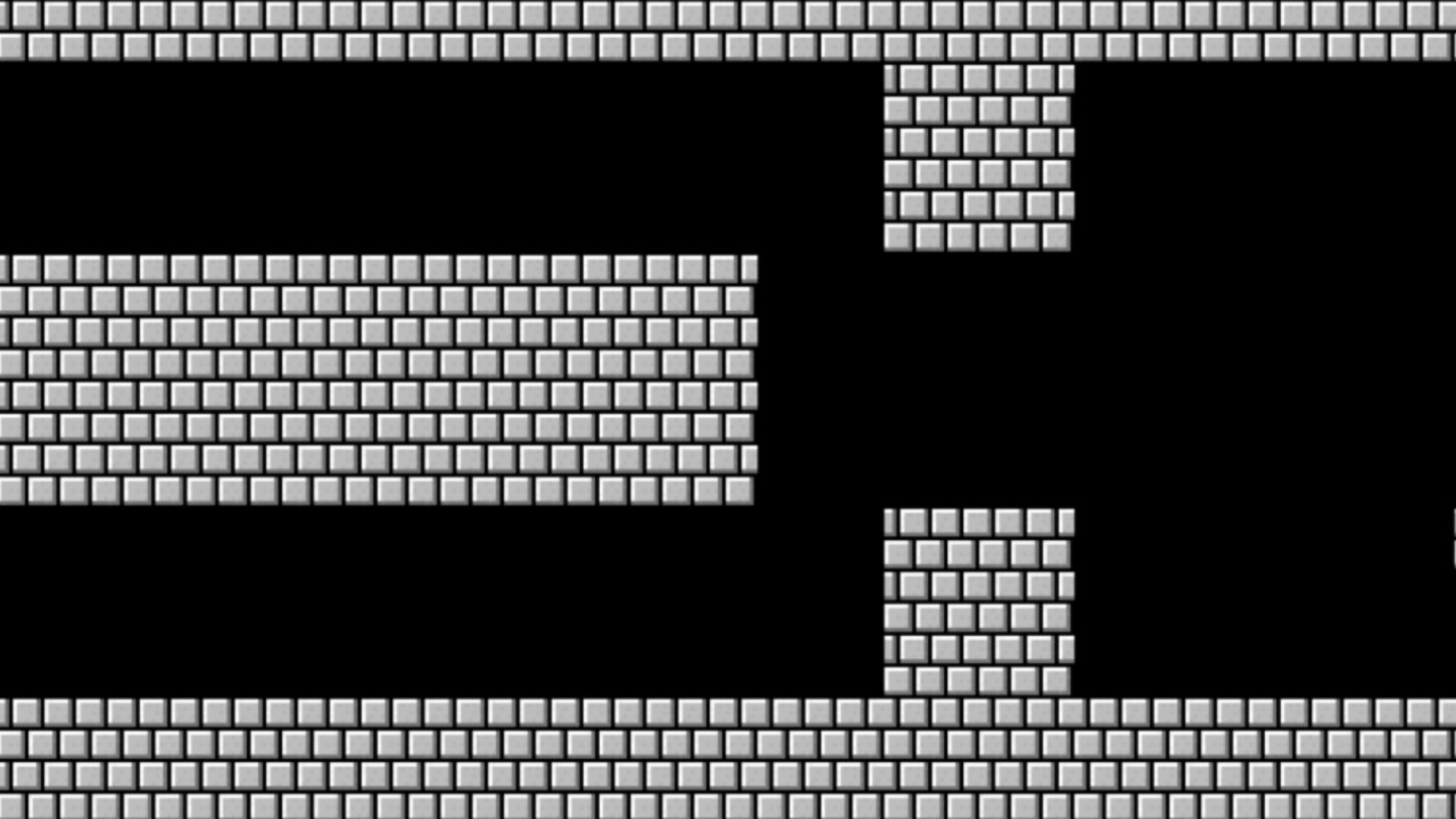
```
python hello.py
```

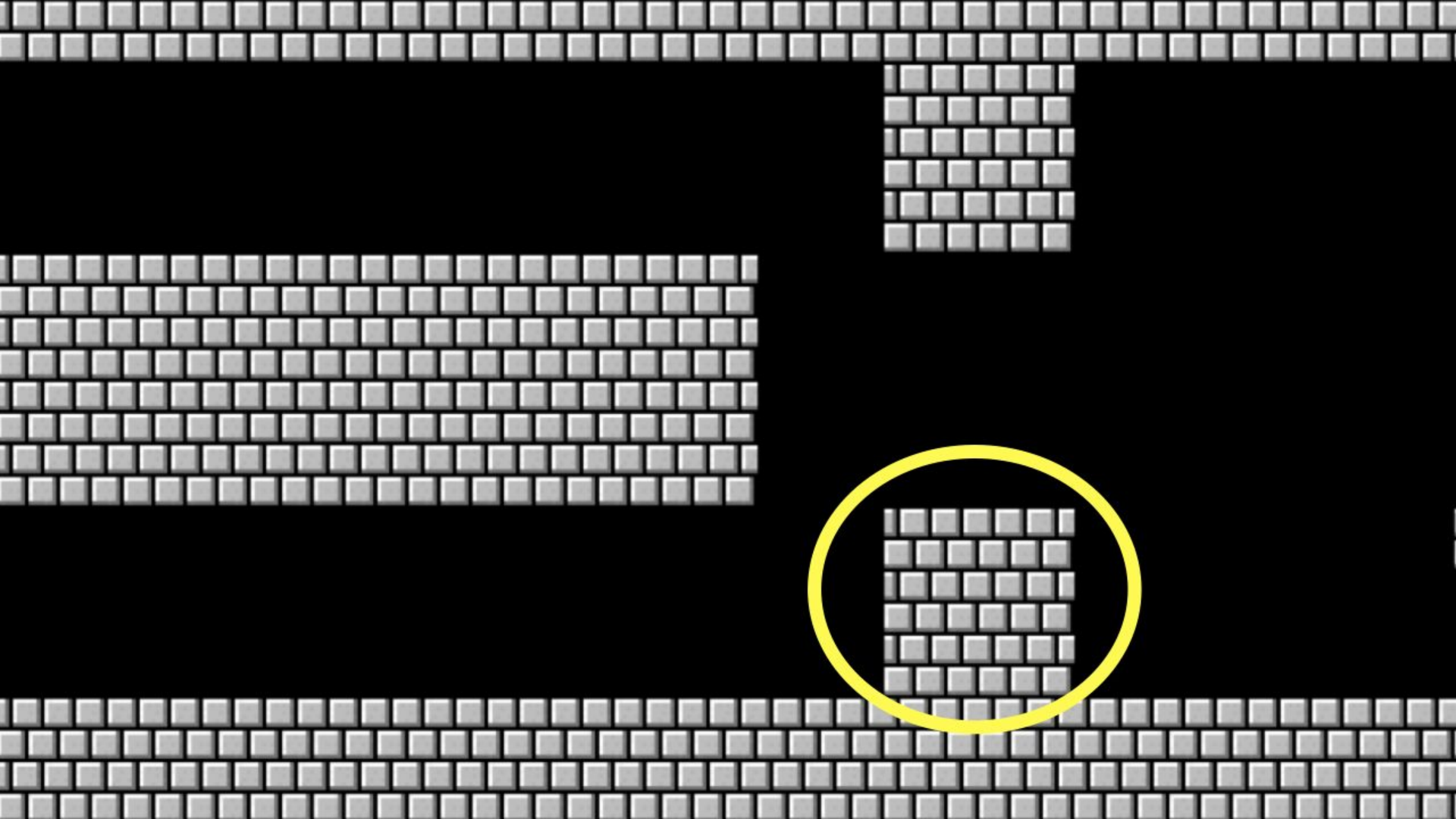












This is CS50