

mario

TODO

- prompt and validate user input
- draw the pyramid

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prompt user

C

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

Python

- `get_int`
- `import cs50`

validate input

C

```
do  
{  
    // something happens  
}  
while (condition);
```

Python

validate input

C

```
while (condition)
{
    // something happens
}
```

Python

```
while condition:
    # something happens
```

“do-while” loop

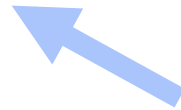
```
while True:  
    # prompt user  
    if condition:  
        break
```

executes at
least once



“do-while” loop

```
while True:  
    # prompt user  
    if condition:  
        break
```



checks
condition

compound conditional expressions

C

```
if (bool1 || bool2)
```

```
if (bool1 && bool2)
```

Python

```
if bool1 or bool2:
```

```
if bool1 and bool2:
```

TODO

- prompt and validate user input
- draw the pyramid

draw the pyramid

- for each row...
 - print left pyramid
 - print spaces
 - print hashes
 - print gap
 - 2 spaces
 - print right pyramid
 - print hashes

```
      #  #  
     ## ##  
    ### ###  
   #### ####  
  ##### #####  
 #####  
#####  
#####  
#####  
#####
```

print()

```
# print something with a newline  
print("hello, world")
```

```
# print something without a newline  
print("hello, world", end="")
```

```
# print something 50 times  
print("#" * 50)
```

```
# print newline  
print()
```

TODO

- ☑ prompt and validate user input
- ☑ draw the pyramid

this was mario



```
      #  #  
     ## ##  
    ### ###  
   #### ####  
  ##### #####  
 #####  
#####  
#####  
#####  
#####
```