

Input

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Python

Input in C++

Remember how we got input in C++?

```
int x;  
  
cout << "Give me a number: " << endl;  
  
cin >> x;
```

Above we had to ask the user FIRST to give us a number.
Otherwise, the user would be stuck!

Input in Python

In one line, we can ask the user a question **AND** get an answer!

```
x = input("What's the weather like?")
```

First this question is asked first to the user

Then the answer is stored in the variable **X**

Use the input!


Once we store **X** as our input, we can use it!

```
x = input("What's the weather like?")
```



X stores a weather input

The value of **X** is printed out here!



```
print("Today the weather is " + x)
```

Use the input!

Once we store **X** as our input, we can use it!


```
x = input("What's the weather like?")
```



X stores a weather input

The value of **X** is printed out here!

```
print("Today the weather is " + x)
```



Example output:

```
What's the weather like? Raining  
Today the weather is Raining
```

Lab: Input

1. Repeat the Happy Birthday Lab
2. Ask who's birthday it is!
3. Use the name in the song!

Example output:

Who's birthday is it? **George**

Happy birthday, to you.

Happy birthday, to you.

Happy birthday dear **George**,

Happy birthday, to you!