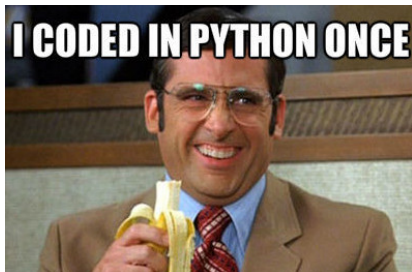


Introduction to python

Jadavpur University Code Club



The hello world program

```
print("hello world")
```

The hello world program

```
print("hello world")
```



BEFORE AND AFTER CODING



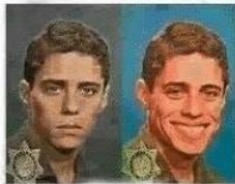
c++



javascript



java



python

Running the code

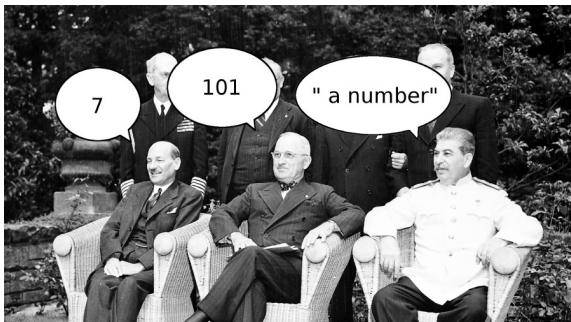
Two ways to do it:

- Interactive mode
- Shell mode

Variables

```
x = 1.0
```

```
y = "hello world"
```



Variable naming conventions and rules

You must assign a value to a variable before you can use it, even if that value is zero or empty.

Rules:

- Variable names must start with a letter or an underscore (_)
- The remainder of your variable name may consist of letters numbers and underscores
- The names are case sensitive

Data types

- int
- float
- list
- tuple
- strings

If Else

```
if x<0:  
    print("Negative")  
elif x==0:  
    print("Zero")  
else:  
    print("Positive")
```

Indentation is important

```
if foo:
    if bar:
        print(x)
else:
    print(y)
```

