

module One



Class 02

Comments

single line using #

```
#this is a comment
```

Multiline Comments using `"""` `"""`

```
"""hello this is multi
```

```
line comments """
```

Understanding the need of variables

Variables

Variables are used to store something in python

Variable can be initialized when we assign value to it

eg - `a = 12`

`b = 67`

Naming conventions in variable

3 types **camel case** - helloWorld

pascal case - HelloWorld

Snake case - hello_world

We can use any type in python

You cannot start a variable with a number

You cannot use spaces in variable

You cannot use special characters in variable exception (`_`)

Data types

There are major 3 types of data in python

1)Number - **int** (1, 2, 3...), **float**(12.34, 67.90), **complex**(2f, 3f)

2)String - use to store anything in “ ” or ‘ ’

3)Boolean- **True and False**

Integers are numbers (to infinity... -3, -2, -1, 0, 1, 2 ... to infinity)

Float are number which have numbers with decimal point and fraction value.

Complex are the numbers with imaginary values

Strings can contain any values, characters and everything

Boolean will only return True and False