

Print funtion

```
print("hello") # print funtion
```

Escape funtion

```
\ " double quote
```

```
\\ one backslash
```

```
\n new line
```

```
\t tab(four space)
```

```
\b backspace
```

comments

```
ctrl + ? == comment out a line
```

Newline

```
print(r"line \n line") == line \n line
```

Emoji

```
emoji code == U+1f602
```

```
print("\U0001f602") = emoji
```

Calculation

```
/ == float division (output in decimals == 4 / 2 = 2.0)
```

```
// == interger division (output is whole number 4 / 2 = 2)
```

```
% == modulo (gives remainder 3 % 2 = 1)
```

```
** == power (2 ** 3 = 8)
```

```
print(round(2**0.5, 4)) == value round off to 4 decimal place
```

String, interger and float

```
str() or use "" , int(), float()
```

```
print("qumail" * 2) == qumailqumail
```

Input funtion

`user = input("enter name")` : to get input for user in string

`user = int(input('enter number'))` : input in interger

`name, age = input("enter name and age").split() or .split(",")` : to get 2 inputs

String formating

`print("hello {} your age is {}".format(name, age))` : string formating

`print(f"hello {name} your age is {age}")`

`print("qumail"[3])` : a

`print("qumail"[0:4])` : quma or `print("qumail"[-1::-1])` : liamuq

lenght,upper,lower and title

`print(len("qumail"))` == 6

`print("Qumail".lower())` : qumail or `print("qumail".upper())` : QUMAIL

`print("qumail".title())` : Qumail / `print("qumaail".count("a"))` : 2

strip method

`name = " qumail "`

`print(name.strip)` : "qumail"

`print(name.lstrip)` : "qumail " or `print(name.rstrip)` : " qumail"

Replace method

`Name = " qumail "`

`Print(name.replace(" ", ""))` : qumail

`Print(name.replace("qumail", "sarah"))`

`Str = "he is a boy and he is playing"`

`Print (str.replace("is", "was"))`