Print Statement

```
print("Hello World")
print("Venky")
```

```
Hello World
Venky
```

Hello World Venky

```
# use case of end
```

```
print("Hello World", end="\n")
print("Venky")
```

```
Hello World
Venky
```

```
print("Hello World\n")
print("Venky")
```

```
Hello World

Venky
```

```
# use case of sep
```

```
print("Hello", "Venky", "Gate", sep=" ")
```

```
Hello Venky Gate
```

```
#print("Hello", "Venky", "Gate", sep="")
#print("Hello", "Venky", "Gate", sep="---")
print("Hello", "Venky", "Gate", sep="\n")
```

```
Hello
Venky
Gate
```

```
print("Welcome to RBR Course", "This is Venky", sep="++", end="***")
print("Checkout to this course", end="\n\n")
print("Python programming")
```

```
Welcome to RBR Course++This is Venky***Checkout to this course

Python programming
```

Variables

```
2+3
```

```
5
```

```
4+5
```

```
9
```

```
# you are given a salary and u need to calculate the savings
```

```
v = 100000
```

```
expenditure = 10000 + 12000 + 30000
```

```
v - 10000
```

```
90000
```

```
v+12000
```

```
112000
```

```
value = 100
```

```
id(value)
```

```
137443867102544
```

```
type(value)
```

```
int
```

```
a = 100
```

```
id(a)
```

```
137443867102544
```

```
a = 100
b = 100
print(id(a))
print(id(b))
print("After Changing")
b = b+20
print("b:", b)
print(id(a))
print(id(b))
a = 120
print(id(a))
```

```
137443867102544
137443867102544
After Changing
b: 120
137443867102544
137443867103184
137443867103184
```

```
del a
```

```
print(b)
print(id(b))
```

```
120
137443867103184
```

```
f = 12.5
print(f)
print(type(f))
print(id(f))
```

```
12.5
<class 'float'>
137442585477424
```

```
# valid variable names
name = "venky"
age = 26
_salary = 12000
```

```
n8ame = "venky"
```

```
name = "Venky"
Name = "RBR"
NAME = "Jay Bansal"
```

```
NAME_2 = "Venky"
print(name)
print(id(name))
print(Name)
print(id(Name))
print(NAME)
print(id(NAME))
print(id(NAME_2))
```

```
Venky
137442586806832
RBR
137442586812528
Jay Bansal
137442584224304
137442586806832
```

```python
name = "Venky"
name_2 = "VENKY"

print(id(name))
print(id(name_2))
```

```
137442586806832
137442585736176
```