Variables

1. Variable is a container and it is used to store the values and retrieve the values
2. Variable name cannot start with a number or any special character like $, (, \* % etc.
3. Variables are case Sensitive
4. Python reserved keywords cannot be used for naming the variable.

**Camel Case:** First letter is a lowercase, but first letter of each subsequent

word is in uppercase.

For example: kmPerHour, pricePerLitre

**Pascal Case**: First letter of each word is in uppercase.

For example: KmPerHour, PricePerLitre

**Snake Case**: Use single underscore (\_) character to separate words.

For example: km\_per\_hour, price\_per\_litre

**Valid Variables**

name="krishna"

name1="krishna"

\_name="krishna"

a\_name="krishna"

print(name)

print(name1)

print(\_name)

print(a\_name)

**Output:**

krishna

krishna

krishna

krishna

**Invalid Variables**

1name="krishna"

@\_name="krishna"

a-name="krishna"

and="krishna"

print(1name)

print(@\_name)

print(a-name)

print(and)

# 

# **Single Value Multiple Variables**

x=y=z=1 #x=y=z are multiple variables

print(x)

print(y)

print(z)

1

1

1

# **Multiple Values Multiple Variables**

x,y,z=1,2,3 #1,2,3 are Multiple Values

print(x)

print(y)

print(z)

output

1

2

3

x,y,z=1,2,"krishna"

print(x)

print(y)

print(z)

output

1

2

krishna