

## print statements

```
[5]: # using print statements with parameters

[11]: print("good morning")
      good morning

[13]: print("welcome to python tutorial")
      welcome to python tutorial

[17]: print("welcome","to","python","tutorial", sep='\n')
      welcome
      to
      python
      tutorial

[19]: print("welcome","to","python","tutorial", sep='-')
      welcome-to-python-tutorial

[41]: print("welcome","to","python","tutorial", sep='**')
      welcome**to**python**tutorial

[29]: print("welcome","to","python","tutorial")
      welcome to python tutorial

[39]: print("Hello,Good Morning", end="-")
      print("How are you", end="-")
      print("How was your day today")
      Hello,Good Morning-How are you-How was your day today
```

## variables

```
[74]: # creating variables
      name = "mohan"
      age = 32
      height = 5.6
      place = "Bangalore"

[48]: print(name)
      mohan

[50]: print(age)
      32

[52]: print(height)
      5.6

[60]: print(place)
      Bangalore

[62]: name,age, height, place
      ('mohan', 32, 5.6, 'Bangalore')

[64]: name = "rohit"

[66]: print(name)
      rohit

[68]: place = "chennai"

[70]: place
      'chennai'

[72]: name, age, height, place
      ('rohit', 32, 5.6, 'chennai')
```

```
•[76]: # rules to creating variables
      #1. variable name should starwith either character/text or _
      #2. variable name should not start with number or any special character apart from _ (@*&())X,123)
      #3. variable name is case sensitive (if variable defined small letters, we need call in small letters)
      #4. variable name shouls not conflict with any reserved keywords (if, for, while..etc)
```

```
[78]: place = "Bangalore"

[80]: _place ="Bangalore"

[82]: _place

[82]: 'Bangalore'
```

```
[84]: @place="Bangalore"

      Cell In[84], line 1
      @place="Bangalore"
      ^
      SyntaxError: invalid syntax. Maybe you meant '=' or ':=' instead of '@'?
```

```
[86]: 080places="Bangalore"

      Cell In[86], line 1
      080places="Bangalore"
      ^
      SyntaxError: leading zeros in decimal integer literals are not permitted; use an 0o prefix for octal integers
```

```
[88]: place080="bangalore"

[90]: place080

[90]: 'bangalore'

[92]: place@080="bangalore"

Cell In[92], line 1
      place@080="bangalore"
      ^
SyntaxError: leading zeros in decimal integer literals are not permitted; use an 0o prefix for octal integers

[94]: if = "bangalore"

Cell In[94], line 1
      if = "bangalore"
      ^
SyntaxError: invalid syntax

[96]: for = "mysore"

Cell In[96], line 1
      for = "mysore"
      ^
SyntaxError: invalid syntax

•[100]: Height

[100]: 5.6

[ ]:
```