day-1

October 4, 2024

```
[38]: 5/2
```

```
[38]: 2.5
```

```
[40]: 2.5*5
```

```
[40]: 12.5
```

1 Python essential

```
[41]: print("hello python 7th sem students")
```

```
hello python 7th sem students
```

```
[44]: print(True)
```

```
True
```

```
[12]: print("nepal","India","srilank")
```

```
nepal India srilank
```

```
[46]: print("India",5,False,6.78)
```

```
India 5 False 6.78
```

```
[52]: print("India","nepal", end='' )
      print(" srilanka")
```

```
India nepal srilanka
```

```
[58]: # integer
      s =3 +5j
      print(s)
      type(s)
```

```
(3+5j)
```

```
[58]: complex
```

```
[61]: print(1e308)
```

```
1e+308
```

```
[63]: #float
      print(6.55599)
```

```
6.55599
```

```
[64]: print(1.7e308)
```

```
1.7e+308
```

```
[65]: #boolen
      print(True)
```

```
True
```

```
[67]: #complex
      print(4.5 + 5j)
```

```
(4.5+5j)
```

```
[68]: #string
      print("Dr. Safdar")
      print("sardar khan")
```

```
Dr. Safdar
sardar khan
```

```
[69]: #list
      print([1,2,3,4,5,6,7,6,7,10])
```

```
[1, 2, 3, 4, 5, 6, 7, 6, 7, 10]
```

```
[71]: #tuple
      print((1,2,3,4,5,9,4,5))
```

```
(1, 2, 3, 4, 5, 9, 4, 5)
```

```
[72]: #set
      print({1,2,3,4,5,6,9,10,5,6})
```

```
{1, 2, 3, 4, 5, 6, 9, 10}
```

```
[77]: #dictonary
      print({"name": "Dr. safdar","age": 38, 4:"Male", 4: "Salary"})
```

```
{'name': 'Dr. safdar', 'age': 38, 4: 'Salary'}
```

[78]:
```python
name=4.5 + 5j
print(name)
type(name)
```

```
(4.5+5j)
```

[78]: complex

[83]:
```python
a=5
b=10
c=44
print(a)
print(b)
print(c)
```

```
5
10
44
```

[84]:
```python
a,b,c=4,5,66.5
print(c)
print(b)
print(a)
```

```
66.5
5
4
```

[85]:
```python
#keywords
import keyword
```

[86]:
```python
print(keyword.kwlist)
```

```
['False', 'None', 'True', '__peg_parser__', 'and', 'as', 'assert', 'async',
'await', 'break', 'class', 'continue', 'def', 'del', 'elif', 'else', 'except',
'finally', 'for', 'from', 'global', 'if', 'import', 'in', 'is', 'lambda',
'nonlocal', 'not', 'or', 'pass', 'raise', 'return', 'try', 'while', 'with',
'yield']
```

[ ]: