COURSE OUTCOME 1

PROGRAM NO:1

AIM: Review of python programming – Programs review the fundamentals of python

In [ ]:

```
#addition
4+6
```

Out[ ]:

```
10
```

In [ ]:

```
#sub
6-1
```

Out[ ]:

```
5
```

In [ ]:

```
#diviision
18/2
```

Out[ ]:

```
9.0
```

In [ ]:

```
#multiplication
2*9
```

Out[ ]:

```
18
```

In [ ]:

```
#power
2**3
```

Out[ ]:

```
8
```

In [ ]:

```
#modulus
10%2
```

Out[ ]:

0

In [ ]:

```
#string
'hello world!!!!!!'
```

Out[ ]:

```
'hello world!!!!!!'
```

In [ ]:

```
#variable assignment
x=20
y=25
z=x+y
print(z)
```

```
45
```

In [ ]:

```
#list,,,,,,,,,,
li=[1,2,3,4,5]
li.append(6)
li
```

Out[ ]:

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

In [ ]:

```
li[3]
```

Out[ ]:

```
4
```

In [ ]:

```
li[0:2]
```

Out[ ]:

```
[1, 2]
```

In [ ]:

```
li[2:]
```

Out[ ]:

```
[3, 4, 5, 6]
```

In [ ]:

```
#dictionary,,,,,,,,,,,,
d={'key1':'item1','key2':'item2','key3':'item3'}
d
```

Out[ ]:

```
{'key1': 'item1', 'key2': 'item2', 'key3': 'item3'}
```

In [ ]:

```
d['key2']
```

Out[ ]:

```
'item2'
```

In [ ]:

```
#comparison..............
2>1
```

Out[ ]:

```
True
```

In [ ]:

```
#loops..
i = 1
while i < 6:
  print(i)
  i += 1
```

```
1
2
3
4
5
```

In [ ]:

```
#functions
def my_function(fname):
  print(fname + " Refsnes")

my_function("Emil")
my_function("Tobias")
my_function("Linus")
```

```
Emil Refsnes
Tobias Refsnes
Linus Refsnes
```

RESULT:Program executed successfully and output is obtained