

Lab Tasks

Name: Arman Ali Zaib

Reg No: FA20-BSE-025

Assigned by: Mam Yasmeen Jana

Activity 1 Display numbers on screen using Python IDLE.

```
In [ ]: print("Hello world")
        print("24")
        print(4.2)
        print(234)
        print(45.90)
```

```
Hello world
24
4.2
234
45.9
```

Activity 2 Display strings on screen

```
In [ ]: print('Hello')
        print('Quote me on this !')
        print("What's your name?")
        print("'You can use triple quote for m
```

```
Hello
Quote me on this !
What's your name?
'You can use triple quote for m
utilines uses '
```

Activity 3 Use Python as a calculator.

In []:

```
print(2+2)
print(50-4)
print(23-18.5)
print(5*6)
print(2.5 * 10)
print(2.5 * 10)
print( 2.5 * 2.5)
print(28/4)
print(26/4)
print(23.4 / 3.1)
```

```
4
46
4.5
30
25.0
25.0
6.25
7.0
6.5
7.548387096774193
```

Activity 4 Get an integer answer from division operation.

In []:

```
print(28 // 4)
print( 26 // 4 )
print(type(int(26/4)))
print(type(int(28/4)))
print(26%4)
print(28%4)
```

```
7
6
<class 'int'>
<class 'int'>
2
0
```

Activity 5 Calculate the power values

In []:

```
print(4**3)
print(4**10)
print(4**29)
print(4**150)
print(4**1000)
```

64

1048576

288230376151711744

2037035976334486086268445688409

3781610514683936659362506361404

49354381299763336706183397376

1148130695274254524232833201177

6819840223177020886952004776427

3682576626139237031385665948631

6506269918445964638987462773447

1189608630553314259313561666531

8539129989145312280000688779148

2400448714289269900634862447816

1546364638836394731702604046635

3970904996558162398808944629605

6233116495361642219703326813441

6890898445850560237948480791405

8900934776500429002716706625830

5220081322362812917612678833172

0659899539641812702177985840404

2159853183251540889433902091920

5549577835896720391600819572166

3058275538042558372601552834878

6419432054508915275783882625175

4355288008228427708179654537621

84851149029376

Activity 6: Math Expression

In []:

```
print(2+3*6)
print((2+3)*6)
print(48565878 * 578453)
print(2 + 2)
# print((5 - 1) * ((7 + 1) / (
print(5 +7)
print(42 + 5 ** 2)
```

20

30

28093077826734

4

12

67

Activity 7: Combine numbers and text.

In []:

```
x="nancy"
print(x)
s="my lucky number is %d,what
print(s)
s="my lucky number is " +str(7
print(s)
```

nancy

my lucky number is 7,what is your?

my lucky number is 7, what is your number?

Activity 8 Take input from the keyboard and use it in your program.

In []:

```
name=input("what is your name")
print("my name is " + name)
job=input("What is your Job ")
print("my job is "+job)
num=input("What is your lucky number")
print("my lucky number is "+num)
```

```
what is your name asim
my name is asim
What is your Job software engineer
my job is software engineer
What is your lucky number 3
my lucky number is 3
```