



“Lab Report-01”

Course Code:	Course Title:
CSE 222	Object-Oriented Programming Lab

Lab Report Details	
Topic	: Basic Python Programming
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Submitted To:	Submitted By:
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Problem-1:

```
print("Hello Dear")
```

```
name = input("Enter your name: ")
```

```
sid = input('Enter your Student Id: ')
```

```
print(name)
```

```
print(sid)
```

```
print("Welcome to Python")
```

Output:

Hello Python

Enter your name: Munna Biswas

Enter your Student Id: 221-15-5261

Munna Biswas

221-15-5261

Problem 2:

```
x = 20
```

```
y = 45
```

```
z = x + y
```

```
s = y - x
```

```
print("Sum = ", z)
```

```
print("Subtraction",s)
```

```
print("Multiplication = ",x*y)
```

```
print("Division = ",y/x)
```

Output:

Sum = 65

Subtraction 25

Multiplication = 900

Division = 2.25

Problem-3:

```
print("Enter your name: ")
x = input()
y = int(input("Enter your id: "))
print("Name: ",x)
print("SID: ",y)

if y >= 4632 and y <= 4694:
    print("Your Mentor is Taslima Ferdous Shuva\nAssistant Professor\nKT-317")
elif y >= 4695 and y <= 4755:
    print("Your mentor is Md. Ali Hossain\nAssistant Professor\nKT- 728")

elif y >= 4758 and y <= 4818:
    print("Your mentor is Mohammad Monirul Islam\nAssistant Professor\nKT-733")

elif y >= 4821 and y <= 4881:
    print("Your mentor is Amatul Bushra Akhi\nAssistant Professor\nKT-737")

elif y >= 4884 and y <= 5261:
    print("Your mentor is Masuma Parvin\nAssistant Professor\nKT-805")

else:
    print("Invalid id")
```

Output:

```
Enter your name:
Munna Biswas
Enter your id: 5261
Name: Munna Biswas
SID: 5261
Your mentor is Masuma Parvin
Assistant Professor
KT-805
```

Problem 4:

```
x = int(input("Press 1 for 1 to Nth positive numbers\n2 for 2 to nth even numbers\n3 for 1 to nth odd numbers\n"))
```

```
y = int(input("Enter series length: "))
```

```
if x == 1:
```

```
    for i in range(1, y+1, 1):
```

```
        print(i)
```

```
elif x == 2:
```

```
    for i in range(2, y+1, 2):
```

```
        print(i)
```

```
elif x == 3:
```

```
    for i in range(1, y+1, 2):
```

```
        print(i)
```

```
else:
```

```
    print("invalid inputs")
```

Output:

Press 1 for 1 to Nth positive numbers

2 for 2 to nth even numbers

3 for 1 to nth odd numbers

2

Enter series length: 10

2

4

6

8

10

Problem 5:

```
from itertools import count
```

```
#Initial Value
```

```
x = int(input())
```

```
for i in count():
```

```
    y = input()
```

```
    z = int(input())
```

```
    if y == "+":
```

```
        x = x + z
```

```
        print(x)
```

```
    elif y == "-":
```

```
        x = x - z
```

```
        print(x)
```

```
    elif y == "*":
```

```
        x = x * z
```

```
        print(x)
```

```
    elif y == "/":
```

```
        x = x / z
```

```
        print(x)
```

```
    else:
```

```
        print("INVALID SELECTION")
```

Output:

```
10
```

```
+
```

```
15
```

```
25
```

```
-
```

```
10
```

15

6

90

/

25

3.6