



## WORKSHEET 1.1

**Student Name: Aditya Kumar**

**UID: 21BCS7013**

**Branch: CSE**

**Section/Group: 813-B**

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**Subject Name: Programming in Python Lab**

**Subject Code: 21-CSP-259**

### **1. Aim:**

Writing python program in various modes and printing and assigning values assigned to the variables

### **2. Source Code:**

#### **i. WAP to enter 2 Numbers and perform all arithmetic operations**

```
a=int(input())
b=int(input())
print("a+b ",(a+b))
print("a-b ",(a-b))
print("a*b ",(a*b))
print("a/b ",(a/b))
print("a%b ",(a%b))
```

#### **ii. .WAP to enter marks of 5 subjects and calculate total, average and percentage**

```
maths=int(input())
science=int(input())
english=int(input())
hindi=int(input())
socialscience=int(input())
print("maths=",maths)
print("science=",science)
print("hindi=",hindi)
print("english=",english)
print("social science=",socialscience)
```



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```
print("total = ",maths+english+science+hindi+socialscience)
print("average = ",(maths+english+science+hindi+socialscience)/5)
print("percentage = ",(maths+english+science+hindi+socialscience)/5)
```

### iii. WAP to enter length in cm and convert into m and km also convert the same into equivalents

```
cm=int(input("enter the length in cm"))
print("cm = ",cm)
print("m = ",cm/100)
print("km = ",cm/100000)
```

### 3. Screenshot of Outputs:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

34
23
a+b  57
a-b  11
a*b  782
a/b  1.4782608695652173
a%b  11
PS C:\Users\adity\OneDrive\Documents\Python class>
```

```
99
98
87
99
96
maths= 99
science= 98
hindi= 99
english= 87
social science= 96
total = 479
average = 95.8
percentage = 95.8
PS C:\Users\adity\OneDrive\Documents\Python class>
```

```
enter the length in cm
50000
cm = 50000
m = 500.0
km = 0.5
```

