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| **Class: VII** |  **Department : Computer Science** | **Year :2023-2024** |
| **Worksheet no: 1 with solution**  | **Topic: Tokens & Datatypes in python**(Programs for Post midterm Practicals)  |

INDIAN SCHOOL AL WADI AL KABIR

**1) Write a program to calculate area & perimeter of a rectangle**

 l=int(input("enter length of a rectangle"))

 b=int(input("enter breadth of a rectangle"))

 area=l\*b

 p=2\*(l+b)

print("area of rectangle=",area)

print("perimeter of a rectangle=",p)

**2) Write a program to calculate area & perimeter of a square**

#program to print the area & perimeter of a square

x=int(input("enter the side of a square"))

area=x\*x

perimeter=4\*x

print("Area of a square=",area)

print("Perimeter of a square=", perimeter)

**3)Write a program to find difference of two numbers**

#program for difference

a=int(input("enter first number"))

b=int(input("enter second number"))

diff=a-b

print("difference of two numbers=",diff)

**4)Write a program to find product of two numbers**

#program for multiplication

a=int(input("enter first number"))

 b=int(input("enter second number"))

 prod=a\*b

 print("product of two numbers=",prod)

**5)Write a python program to calculate area of a triangle**

 # Python program to calculate area of a triangle.

 b = int(input("enter the base value : "))

 h = int(input("enter the height value: "))

 area = b\*h\*0.5

 print("area = ", area)

6)**Write a program to find average of three numbers**

#AVERAGE OF THREE NUMBERS

a = int(input(" Please Enter the First Number: "))

b = int(input(" Please Enter the second number: "))

c = int(input(" Please Enter the third number: "))

average=(a+b+c)/3

print("The average of three numbers is ", average)