

18/01/2023

1) Print the area and perimeter of square using function.

Program.

```
def area () :  
    a=int(input("Enter the value for Area:"))  
    area=a*a  
    return (area)  
print("Area for the given value =",area())  
def perimeter():  
    b=int(input("Enter the value for Perimeter:"))  
    perimeter=4*b  
    return(perimeter)  
print("Perimeter for the value=",perimeter())
```

Output:

```
Enter the value for Area:5  
Area for the given value = 25  
Enter the value for Perimeter:10  
Perimeter for the value= 40
```

2) Write a python program to convert time of hours into minutes.

Program:

```
def time():  
    a=int(input("Enter the hour:"))  
    formula=a*60
```

```
print(a,"hour is converted into",formula,"minutes.")  
return  
print(time())
```

Output:

Enter the hour:2

2 hour is converted into 120 minutes.

3) Define a function to find the minimum of two numbers.

PROGRAM:

```
def minimum(a,b):  
    if(a<=b):  
        return a  
    else:  
        return b  
  
a=int(input("Enter the value a:"))  
b=int(input("Enter the value b:"))  
print(minimum(a,b))
```

OUTPUT:

Enter the value a:345

Enter the value b:1000

345

4) Check the relationship between two numbers(> ,< or =) using function.

PROGRAM:

```
def relationship(a,b):  
    if(a>b):  
        n="Greater"  
    elif(a<b):  
        n="Smaller"  
    else:  
        n="equal"  
    return(n)  
  
a=int(input("Enter the value a:"))  
b=int(input("Enter the value b:"))  
print(relationship(a,b))
```

OUTPUT:

Enter the value a:100

Enter the value b:4

Greater

4)Return the full name of the Person(first name, last name) using function.

PROGRAM:

```
def name(a,b):  
    c=a+b  
    return c  
  
f=str(input("Enter the first name:"))  
l=str(input("Enter the last name:"))  
print("Full name:",name(f,l))
```

OUTPUT:

Enter the first name: Dhaksha

Enter the last name: M

Full name: Dhaksha M