

Exp no:1

Date:18/1/23

A PERSON FIRST NAME AND LAST NAME:

Program code:

```
def name():  
    n=input("Enter the first name:")  
    s=input("Enter the last name:")  
    p=n+s  
    return p  
print("The person name:",name())
```

Output:

Enter the first name:Vishnu

Enter the last name:Priya

The person name: VishnuPriya

Exp no:2

Date:18/1/23

CONVERT HOURS TO MINUTES

Program code:

```
def conversion(hours):
```

```
    minutes=hours*60
```

```
    print("There are " , minutes , " minutes in " , hours , " hours")
```

```
hours=3
```

```
conversion(hours)
```

Output:

There are 180 minutes in 3 hours

Exp no:3

Date:18/1/23

GCD OF TWO NUMBERS

PROGRAM CODE:

```
def findGCD(num1, num2):
```

```
    if num1 == 0 or num2 == 0:
```

```
        return num1 + num2
```

```
    if num1 == num2:
```

```
        return num1
```

```
    if num1 > num2:
```

```
        return findGCD(num1 - num2, num2)
```

```
    else:
```

```
        return findGCD(num1, num2 - num1)
```

```
num1 = 36
```

```
num2 = 60
```

```
print("GCD of", num1, "and", num2, "is", findGCD(num1, num2))
```

Output:

GCD of 36 and 60 is 12

Exp no:4

Date:18/1/23

MAXIMUM OF TWO NUMBERS

Program code:

```
def maximum(a, b):
```

```
    if a >= b:
```

```
        return a
```

```
    else:
```

```
        return b
```

```
a = 2
```

```
b = 4
```

```
print(maximum(a, b))
```

Output:

4 #the maximum of 2 and 4 is printed

Exp no:5

Date:18/1/23

CALCULATING AREA AND PERIMETER OF THE TRIANGLE

Program code:

```
a = float(input(' Enter the First side of a Triangle: '))  
b = float(input(' Enter the Second side of b Triangle: '))  
c = float(input(' Enter the Third side of c Triangle: '))
```

```
# calculate the Perimeter
```

```
Perimeter = a + b + c
```

```
# calculate the area
```

```
Area = Perimeter/2
```

```
print("\n The Perimeter of Traiangle = %.2f" %Perimeter);
```

```
print(" The Area of a Triangle is %0.2f" %Area)
```

Output:

Enter the First side of a Triangle: 5

Enter the Second side of b Triangle: 4

Enter the Third side of c Triangle: 3

The Perimeter of Traiangle = 12.00

The Area of a Triangle is 6.00

