1. ***Write a Python Program to Find LCM?***

***def lcm(x,y):***

***if x>y:***

***greater=x***

***else:***

***greater=y***

***while(True):***

***if((greater%x==0)and(greater%y==0)):***

***lcm=greater***

***break***

***greater+=1***

***return lcm***

***num1=int(input("enter first number:"))***

***num2=int(input("enter second number:"))***

***print("the lcm of",num1,"and",num2,"is",lcm(num1,num2))***

1. ***Write a Python Program to Find HCF?***

***x=int(input("enter first number: "))***

***y=int(input("enter second number: "))***

***if x>y:***

***smaller=y***

***else:***

***smaller=x***

***for i in range(1,smaller+1):***

***if((x%i==0)and(y%i==0)):***

***hcf=i***

***print("the hcf of",x,"and",y,"is",hcf)***

1. ***Write a Python Program to Convert Decimal to Binary, Octal and Hexadecimal?***

***dec=int(input("enter a decimal number"))***

***print(bin(dec),"in binary.")***

***print(oct(dec),"in octal.")***

***print(hex(dec),"in hexadecimal.")***

1. ***Write a Python Program To Find the ASCII value of a character?***

***c=input("enter a character:")***

***print("the ASCII value of '"+c+"'is",ord(c))***

1. ***Write a Python Program to Make a Simple Calculator with 4 basic mathematical operations?***

***def add(x,y):***

***return x+y***

***def subtract(x,y):***

***return x-y***

***def multiply(x,y):***

***return x\*y***

***def divide(x,y):***

***return x/y***

***print("Select operation")***

***print("1.Add")***

***print("2.Subtract")***

***print("3.Multiply")***

***print("4.Divide")***

***choice=input("Enter choice(1/2/3/4):")***

***num1=int(input("Enter first number: "))***

***num2=int(input("Enter second number: "))***

***if choice=='1':***

***print(num1,"+",num2,"=",add(num1,num2))***

***elif choice=='2':***

***print(num1,"-",num2,"=",subtract(num1,num2))***

***elif choice=='3':***

***print(num1,"\*",num2,"=",multiply(num1,num2))***

***elif choice=='4':***

***print(num1,"/",num2,"=",divide(num1,num2))***

***else:***

***print("Invalid input")***