1. Write a Python Program to Find LCM?

**Ans: def compute\_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 number 1: ”))**

**num2 = int(input(“ enter number 2: ”))**

**print("The L.C.M. is", compute\_lcm(num1, num2))**

1. Write a Python Program to Find HCF?

**Ans: def compute\_hcf(x, y):**

**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**

**return hcf**

**num1 = int(input(“ enter number 1: ”))**

**num2 = int(input(“ enter number 2: ”))**

**print("The H.C.F. is", compute\_hcf(num1, num2))**

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

**Ans: dec = 344**

**print("The decimal value of", dec, "is:")**

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

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

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

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

**Ans: c = 'p'**

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

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

**Ans: 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")**

**while True:**

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

**if choice in ('1', '2', '3', '4'):**

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

**num2 = float(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))**

**next\_calculation = input("Let's do next calculation? (yes/no): ")**

**if next\_calculation == "no":**

**break**

**else:**

**print("Invalid Input")**