1. Write a Python Program to Find LCM?

**Ans:** def lcm (x, y):  
 # choose the greater number  
 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 = 9  
num2 = 94  
print ("The L.C.M. is", lcm (num1, num2))

1. Write a Python Program to Find HCF?

**Ans:** def compute\_hcf (x, y):  
# choose the smaller 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  
 return hcf  
num1 = 8976  
num2 = 456  
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 = 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 ASCII value of a character?

**Ans:** c = 'w'  
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  
# This function subtracts two numbers  
def subtract(x, y):  
 return x - y  
# This function multiplies two numbers  
def multiply(x, y):  
 return x \* y  
# This function divides two numbers  
def divide(x, y):  
 return x / y  
print("Select operation.")  
print("1.Add")  
print("2.Subtract")  
print("3.Multiply")  
print("4.Divide")  
while True:  
 # Take input from the user  
 choice = input("Enter choice(1/2/3/4): ")  
 # Check if choice is one of the four options  
 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))  
 break  
 else:  
 print("Invalid Input")