1. Write a Python Program to Find LCM?
2. x = *int*(input("enter first number"))
3. y = *int*(input("enter second number"))
4. *def* lcm(*x*,*y*):
5. if x > y:
6. res = x
7. else:
8. res = y
10. while(1):
11. if (res%x == 0  and res%y == 0):
12. break
13. res = res + 1
14. return res
15. ans = lcm(x,y)
16. print(*f*'LCM of {x} and {y} is {ans}')
17. Write a Python Program to Find HCF?
18. x = *int*(input("enter first number"))
19. y = *int*(input("enter second number"))
20. *def* hcf(*x*,*y*):
21. if x > y:
22. res = y
23. else:
24. res = x
26. for i in range(1,res+1):
27. if (x%i == 0  and y%i == 0):
28. res = i
30. return res
31. ans = hcf(x,y)
32. print(*f*'HCF of {x} and {y} is {ans}')
34. Write a Python Program to Convert Decimal to Binary, Octal and Hexadecimal?
35. n = int(input("enter decimal number"))
37. hex\_dict = {10: 'A', 11: 'B', 12: 'C',
38. 13: 'D', 14: 'E', 15: 'F'}
39. def dec\_bin(n):
40. if n >= 1:
41. dec\_bin(n//2)
42. print("Decimal to binary is",n%2,end="")

45. def dec\_bin2(n):
46. res = ""
47. while(n>=1):
48. res = res + str(n%2)
49. n = n//2
50. print("Decimal to binary is",res[::-1])

53. def dec\_oct(n):
54. if n >= 8:
55. dec\_oct(n//8)
56. print("Decimal to octal is", n%8,end="")
58. def dec\_hex2(n):
59. res = ""
60. while(n>=1):
61. if n%16 > 9:
62. x2 = hex\_dict[n%16]
63. else:
64. x2 = n%16
65. res = res + str(x2)
66. n = n//16
67. print("Decimal to Hex is",res[::-1])
69. dec\_bin2(n)
70. dec\_oct(n)
71. dec\_hex2(n)

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

n = input("enter the character")

print("ASCII value for the given character is", ord(n))

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

a1 = int(input("enter first number: "))

a2 = int(input("enter second number: "))

op = int(input("enter the operation tobe perform on given values 1: addition , 2:Substraction, 3:multiplication, 4:division: "))

def calcu(a,b,op):

if op==1:

print("Sum of two number is: ", a+b)

if op==2:

print("Substraction of two number is: ", a-b)

if op==3:

print("Multiplication of two number is: ", a\*b)

if op==4:

print("Division of", a,"divide by",b, "is: ", a/b)

calcu(a1,a2,op)