1. Write a Python program to find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700 (both included).

y = []

for x in list(range(1500,2700)):

if (x%7==0 and x%5==0):

y.append(x)

print(y)

1. Python program to add two numbers

X = input(“enter the 1st number: ”)

Y = input(“enter the 2nd number: ”)

Z = X+Y

Print(“The sum of two no. is : ”,Z)

1. Maximum of two numbers in Python

X = input(“enter 1st no.”)

Y = input(“enter 2nd no. ”)

def max(X,Y):

if X>Y:

return X

else:

return Y

print(“the max value is : ”,max(X,Y)

1. Python Program for factorial of a number

x = input(“enter the number.”)

factorial = 1

if int(x) < 0 :

print(“There is no factorial of negative no.”)

elif int(x) = 0:

print(“The factorial of 0 is 1”)

else:

for i in range(1,int(x)+1)

factorial = factorial\*i

print(“The factorial of ”,x,”is”,factorial)

1. Python Program for simple interest

p = (“enter the principal amount”)

t =(“enter the time in year”)

r =(“enter the rate of interest”)

a = int(p)\*int(t)\*(int(r)/100)

print(a)

1. Python Program for compound interest

Import math

p = float(input(“enter the principle amount”)

t = float(input(“enter the years”)

r = float(input(“enter the rate of interest”)

amt = p\*(math.pow((1+(r/100)),t )

print(“compound interest will be”,amt)

print(“only interest will be ”,(amt-p))

1. Python Program to check Armstrong Number

# Python program to check if the number is an Armstrong number or not

num = int(input("Enter a number: "))

sum = 0

temp = num

while temp > 0:

digit = temp % 10

sum += digit \*\* 3

temp //= 10

if num == sum:

print(num,"is an Armstrong number")

else:

print(num,"is not an Armstrong number")

1. Python Program for Program to find area of a circle

Import math

r = float(input(“enter the radius of the circle”)

area = 3.14\*(math.pow((r),2))

print(“the area of the circle is : ” ,area)

1. Python program to print all Prime numbers in an Interval

lower\_value = int(input ("Please, Enter the Lowest Range Value: "))

upper\_value = int(input ("Please, Enter the Upper Range Value: "))

print ("The Prime Numbers in the range are: ")

for number in range (lower\_value, upper\_value + 1):

    if number > 1:

        for i in range (2, number):

            if (number % i) == 0:

                break

        else:

            print (number)

1. Python program to check whether a number is Prime or not

x = int(input("enter a number"))  
if x % 2 == 0:  
 print(x ,"is not a prime no")  
  
else:  
 print(x,"is a prime no")