

1) A program to Calculate the Simple Interest given principal, rate, and Time.

Ans) Principal = float(int('Enter the Principal Amount:'))  
rate = float(int('Enter the Rate:'))  
Time = float(int('Enter the Timeperiod:'))

Simple Interest = (Principal \* rate \* Time) / 100

Print('The Simple Interest is:', Simple Interest).

(2) Write a Program to find the Maximum of Three Numbers Using if-else.

num1 = float(int('Enter the First Number'))

num2 = float(int('Enter the Second Number'))

num3 = float(int('Enter the Third Number'))

if num1 >= num2 and num1 >= num3

maximum = num1

elif num2 >= num1 and num2 >= num3

maximum = num2

else.

maximum = num3

Print('The Maximum Number is: Maximum')



(3) Write a program to print All even Numbers between 1 and 50 Using a Python.

Ans) for number in range (1, 51):

if number % 2 == 0:

Print (number)

(4) Write a Program to check Whether a given year is a Leap year:-

Ans) year = int(input('Enter the Year(in Num): '))

if (year % 4 == 0 and year % <sup>100</sup> != 0) or (year % 400 == 0):

Print (year, 'is a leap year')

else

Print (year, 'is not a leap year.')

(5) Write a Program to print the Multiplication table of a given Number..

Ans) num = int(input('Enter the Number:'))

Print (f "\n Multiplication Table for {num}: \n").

for i in Range (1, 11):

print (f "{num} x {i} = {num \* i}")