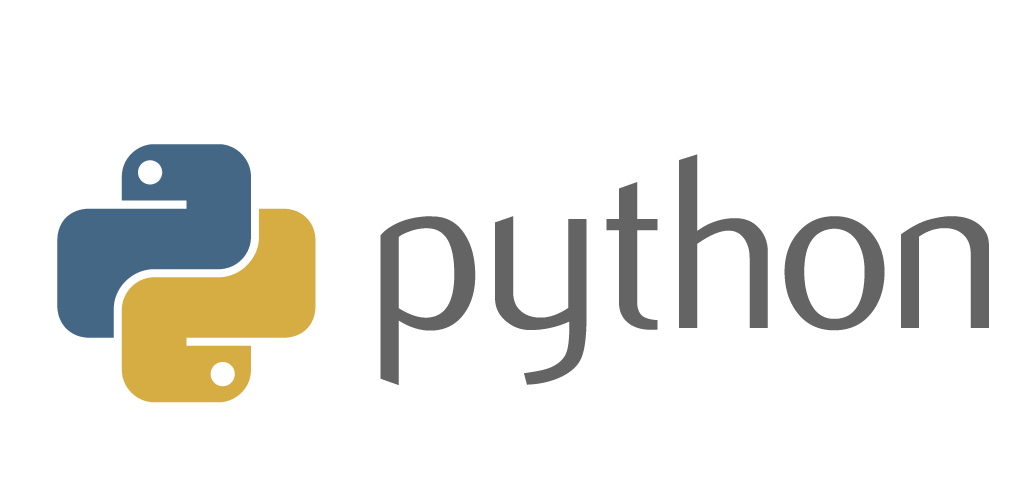
|  |
| --- |
| David School |
| Python Project File |
| Github : devasheeshG |
| Github Repository Link : https://github.com/devasheeshG/CS-File-Feb-2021-XI  Email : [swastik.mishra.c322.smart@gmail.com](mailto:swastik.mishra.c322.smart@gmail.com) |

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| Devasheesh Mishra  2-28-2021 |



Q1. Write a program that takes a number and checks whether the given number is even or odd.

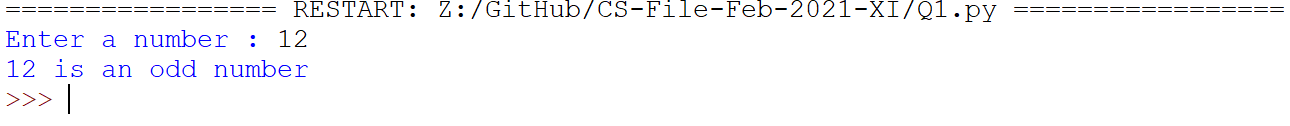
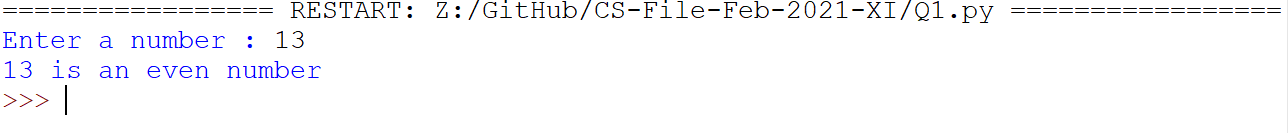
n=int(input("Enter a number : "))

if(n%2==0):

    print(n, "is an odd number")

else:

    print(n, "is an even number")



Q2-Write a program to accept three integers and print the largest of the three.

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

num2 = float(input("Enter second number: "))

num3 = float(input("Enter third number: "))

if(num1>num2):

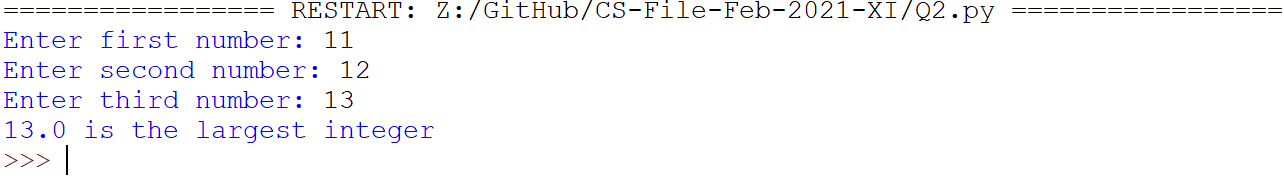
    print(num1, "is the largest integer")

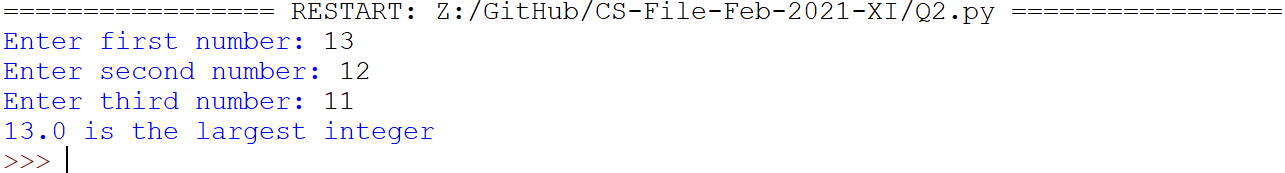
elif(num2>num3):

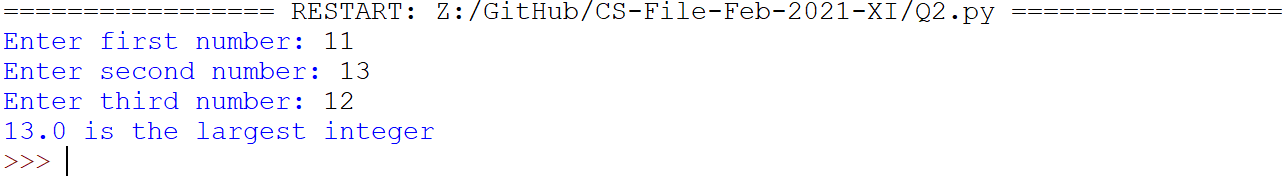
    print(num2, "is the largest integer")

else:

    print(num3, "is the largest integer")







Q3. Write a program to print table of a given number by user.

n=int(input("Enter a number : "))

r=int(input("Enter range of table : "))

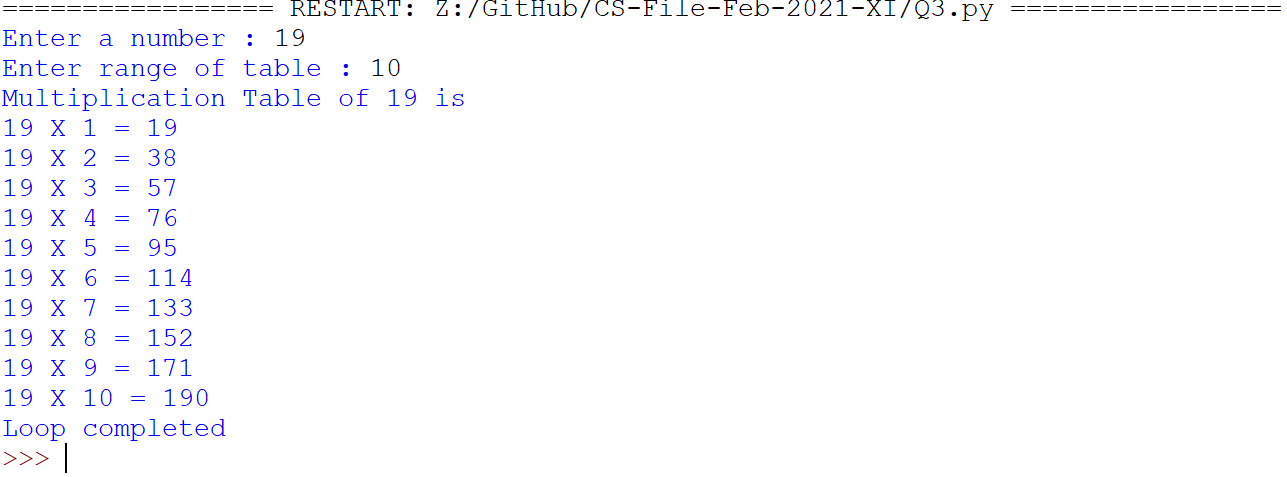
print("Multiplication Table of",n,"is")

for i in range(0,r):

      i=i+1

      print(n,"X",i,"=",n\*i)

print("Loop completed")



Q4. Write a program to calculate the factorial of the given number.

n=int(input("Enter a number : "))

i=1

f=1

if(n<0):

    print("Sorry, factorial does not exist for negative numbers")

elif(n==0):

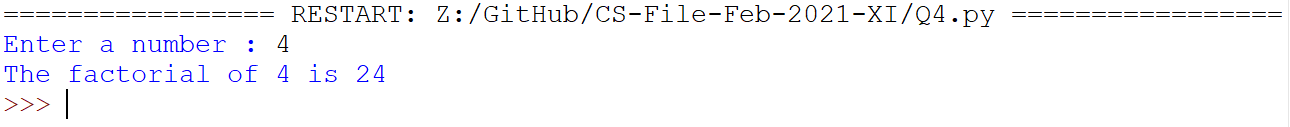
    print("The factorial of 0 is 1")

else:

    for i in range(1,n+1):

        f=f\*i

    print("The factorial of",n,"is",f)



Q5. Write a program to input a number and test if it is a prime number or not.

n=int(input("Enter a number : "))

for i in range(2,n):

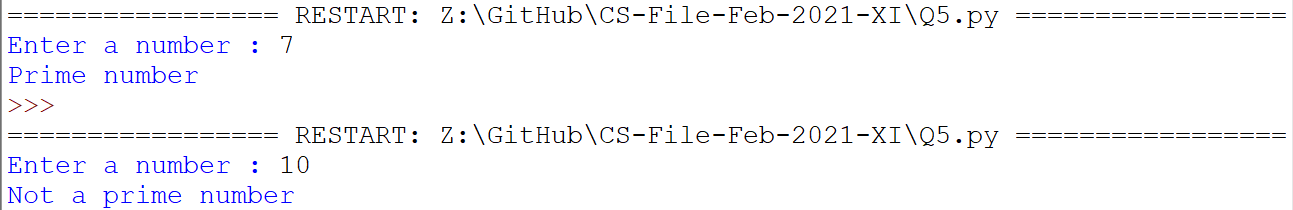
    if (n%i==0):

        print("Not a prime number")

        break

else:

    print("Prime number")



Q6. Write a programs to print the following pattern:

