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| Program for Practice |
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| 1. Program to print the Factors of a Number N 2. Program to check whether given Integer is Prime or Not 3. Program to print the Prime numbers between two intervals 4. Program to check whether the given digit is occurred in a Number 5. Program to count the occurrence of digit 6. Program to find the first digit of a number 7. Program to print all the numbers which are less than given key element from a given list. 8. Program to find Second Largest element in the list 9. Program to find Second smallest element in the list 10. Program to delete an element in an list 11. Program to Reverse the Elements in list 12. Count the occurrences of given Character in a String 13. Covert Lowercase characters to Uppercase Characters 14. Covert Uppercase characters to Lowercase Characters 15. Count the number of vowels in given string |

**1. Program to print the Factors of a Number N**

def **print\_factors**(a):

print(*"The factors of"*,a)

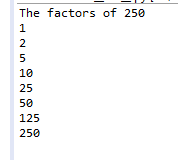
for i in range(1, a+1):

if a % i == 0:

print(i)

num = 250

print\_factors(num)



**2. Program to check whether given Integer is Prime or Not**

num = int(input(*"Enter any number = "*))

if num > 1:

for i in range(2, num):

if (num % i) == 0:

print(num, *"Not a Prime number"*)

break

else:

print(num, *"Prime number"*)

else:

print(num, *"Not a Prime number"*)



**3. Program to print the Prime numbers between two intervals**

l = int(input(*"Enter lower range = "*))

u = int(input(*"Enter upper range = "*))

for num in range(l,u + 1):

if num > 1:

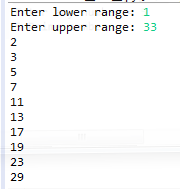
for i in range(2,num):

if (num % i) == 0:

break

else:

print(num)



**4. Program to check whether the given digit is occurred in a Number**

d=*"1239684"*

print(*'6'* in d)

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**5. Program to count the occurrence of digit**

n=int(input(*"Enter number = "*))

count=0

while(n>0):

count=count+1

n=n//10

print(*"The Total number of digits are = "*,count)

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**6. Program to find the first digit of a number**

n = int(input(*"Enter the Number: "*))

first\_digit = n

while (first\_digit >= 10):

first\_digit = first\_digit // 10

print(*"The First Digit {0} = {1}"*.format(n, first\_digit))

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**7. Program to print all the numbers which are less than given key element from a given list.**

**8. Program to find Second Largest element in the list**