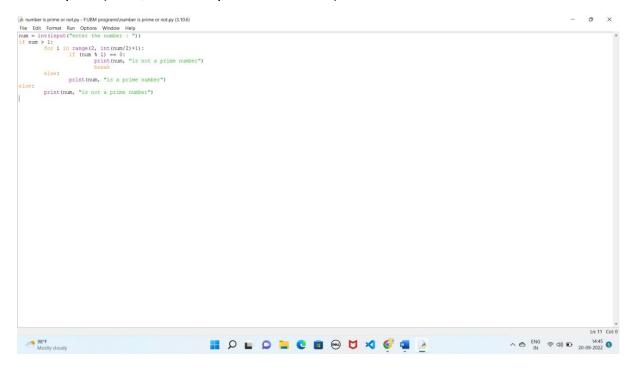
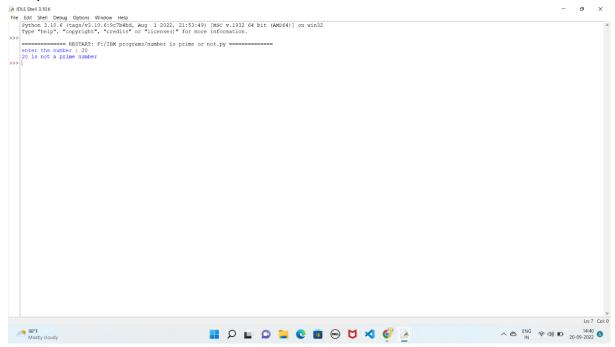
1.Write a python program to test a given number is prime or not.
num = int(input("enter the number : "))
if num > 1:
 for i in range(2, int(num/2)+1):
 if (num % i) == 0:
 print(num, "is not a prime number")
 break
 else:
 print(num, "is a prime number")

else:

print(num, "is not a prime number")



Output:



```
2.write a program to generate odd numbers from m to n using while loop.
minimum = int(input(" please Enter any minimum value:"))
maximum = int(input(" Please Enter any Maximum Value : "))
X=1;
if (minimum < maximum):
  while X in range(minimum,maximum + 1):
  if( X % 2 != 0):
    print("{0}".format(X))
    X=X+1;
else:
  print("Minimum value you've entered is greater than maximum value")</pre>
```

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Minimum = init(input(**) please Enter any minimum value(**))

Additional = maximum(**)

If (minimum < maximum) + 1):

If (minimum < maximum) +
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Output:

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3.Write a python program to display prime number series up to given number. lower = 1

upper = int(input("Enter the number upto which prime numbers are found : "))
print("Prime numbers between", 1 , "and", upper, "are:")
for num in range(lower, upper + 1):

```
if num > 1:
                            for i in range(2, num):
                                           if (num % i) == 0:
                                                              break
                             else:
                                             print(num)
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| hower = 1

| upper = int(input("Enter the number upto which prime numbers are found: "))
 print("Prime numbers between", 1 , "and", upper, "are:")
  else:
print(num)
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4.write a python program to generate Fibonacci Series.
number = int(input("enter the number :"))
def Fibonacci(n):
      if n < 0:
             print("Incorrect input")
      # Check if n is 0
      # then it will return 0
      elif n == 0:
             return 0
      # Check if n is 1,2
      # it will return 1
      elif n == 1 or n == 2:
             return 1
      else:
             return Fibonacci(n-1) + Fibonacci(n-2)
print(Fibonacci(number))
```

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Type "help", "copyright", "credits" or "license()" for more information.

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