03-Write a program to check wheather the number entered is prime or not:

```
In [2]:    1  num=int(input("Enter a number: \n"))
           2  count = 0
           3  for i in range(1,num+1):
           4      if(num %i == 0):
           5          count += 1
           6  if(count == 2):
           7      print(num,"is a prine number")
           8  else:
           9      print(num,"is not a prime number")
```

```
Enter a number:
7
7 is a prine number
```

04-Write a program to check wheather the entered number is palindrome or not:

```
In [3]:    1  num=int(input("Enter a number:\n"))
           2  reverse = 0
           3  temp = num
           4
           5  while temp > 0:
           6      remainder = temp % 10
           7      reverse = (reverse * 10)+remainder
           8      temp = temp//10
           9
          10  if num== reverse:
          11      print(num,"is palindrome")
          12  else:
          13      peint(num,"is not a prime number")
```

```
Enter a number:
7
7 is palindrome
```