```
File - C:\Users\User\PycharmProjects\hello world\assignment2.py
 1 for num in range(1,201):
        num=int(input('enter any number between: '))
 2
 3
        if num > 1:
             for i in range(2, num):
 4
                 if(num%i)==0:
 5
                      print(num, 'is not a prime number' )
 6
 7
                      break
 8
                 else:
 9
                      print(num, 'is a prime number')
10
11
        else:
             print(num, 'is not a prime number')
12
13
14
15
16
17
18
19
20
21
```