

In [11]:

```
1 my_list=[1,3,5,2,7,9]
2
3 for i in range(len(my_list)):
4     if my_list[i] % 2 == 0:
5         print("Even numbers = ",my_list[i],end = ' ')
6         break
7
```

Even numbers = 2

In [36]:

```
1 num = int(input())
2
3 flag = False
4 if num == 1:
5     print(num, "is not a prime number")
6 elif num > 1:
7     # check for factors
8     for i in range(2, num):
9         if (num % i) == 0:
10             #print(num, "is not a prime number")
11             flag = True
12             break
13
14
15
16 if flag==True:
17     print(num, "is not a prime number")
18 else:
19     print(num, "is a prime number")
20
```

9
9 is not a prime number