

In [2]:

```
num = int(input("enter an input: "))
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")
```

enter an input: 7
7 is a prime number