

```
In [5]: num = 16

sum = 0
while(num > 0):
    sum += num
    num -= 1
print("The sum is", sum)
```

The sum is 136

```
In [6]: num = 11

if num > 1:
    for i in range(2, num):
        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")
```

11 is a prime number

```
In [ ]:
```