In [1]:
```
#opening file prime.txt in write mode to write the output
f = open("prime.txt", "w")
```

In [2]:
```
#Funcation to check if a number is prime or not
def Isprimenumber(x = int):
    if x == 1 or x == 0:
        return False
    elif x == 2:
        return True
    else:
        squareOfx = int((x ** (0.5)))+1
        for i in range(2,squareOfx):
            if x % i == 0:
                return False
        else:
            return True
```

In [3]:
```
count = i = 0
while count < 10000:
    if Isprimenumber(i):
        count += 1
        if count >= 9991:
            #print(f'{count}:{i}')
            f.write(f'{i}\n')
    i += 1
```

In [4]:
```
f.close()
```

In [ ]:
```
#Method Two using break and continue
```

In [38]:
```
#opening file prime.txt in write mode to write the output
f = open("prime.txt", "w")
```

In [39]:
```
#Funcation to check if a number is prime or not
def Isprimenumber(x = int):
    isPrime = True
    if x == 1 or x == 0:
        isPrime = False
        return False
    elif x == 2:
        isPrime = True
    else:
        squareOfx = int((x ** (0.5)))+1
        for i in range(2,squareOfx):
            if x % i == 0:
                isPrime = False
                break #I'm Using a Break statement to break the loop when the number is
            else:
                continue #I'm using the continue statement to continue the loop when th
    return isPrime
```

In [40]:
```
count = i = 0
while count < 10000:
    if Isprimenumber(i):
        count += 1
        if count >= 9991:
            #print(f'{count}:{i}')
            f.write(f'{i}\n')
    i += 1
```

In [41]:
```
#Closing the file
f.close()
```

In [ ]:
```

```