**Number Of Prime**

Given a number N, find number of primes in the range [1,N]

#include<iostream>

#include<cmath>

using namespace std;

void checkprime(int \*b,int no,int number){

for(int j=no\*no;j<=number;j=j+no){

b[j]=0 ;

}

}

int main(){

int number,i,count=0;

cin>>number;

int \*b=new int[number];

for(i=0;i<=number;i++)

{

if(i<2)

b[i]=0;

else

b[i]=1;

}

if(number>1){

for(i=2;i<=sqrt(number);i++)

{

if(b[i]==1)

checkprime(b,i,number);

}

}

for(i=0;i<=number;i++)

{

if(b[i]==1)

count++;

}

cout<<count;}