int countPrimes(int n){

int i;

bool \*arr;

int prime = 0;

long long temp;

if(n <= 2 )

return 0;

arr= malloc(sizeof(bool)\*n);

while(i < n){

arr[i] = 0;

i++;

}

i = 2;

for(i = 2; i < n; i++)

{

if(arr[i])

continue;

temp = (long)i\*(long)i;

prime++;

while(temp < n){

arr[temp] = 1;

temp += i;

}

}

return prime;

}