ASARE PRINCE KOFI

10657490

// checking for prime numbers

#include <iostream>

using namespace std;

int main()

{

int num, flag=0, i=2;

cout<<"enter any positive number";

cin>>num;

while (i<num)

{

if (num%i==0)

{

flag =1;

break;

}

}

{

// prime numbers has only two factors 1 and the number itself

i=i+1;

}

if (flag==0)

cout<<"number is prime";

else

cout<<"number is not prime";

return 0;