#include <iostream>

using namespace std;

int main()

{

int i, j;

for (i = 2; i <=100 ; i++)

{

for (j = 2; j <= (i/j); ++j)

if (!(i%j))

break;

if (j > (i / j))

cout << i << " is prime\n";

}

system("pause");

return 0;

}