```cpp
#include <iostream>
#include <math.h>
using namespace std;
/* run this program using the console
pauser or add your own getch,
system("pause") or input loop */

int main() {
int n,i,j;
cout<<"please enter n= ";
cin>>n;
for(i=2;i<n;i++)
for(j=2;j*j<=i;j++)

if (i%j==0){
break;
}
else if (j+1>sqrt(i)){
cout<<"= "<<i<< "  ";
}
```

}