

```

1  #include <stdio.h>
2  #include <string.h>
3  #include <map>
4  #include <iostream>
5  #include <string>
6  #include <vector>
7  #include <iterator>
8  #include <algorithm>
9  #include <stdio.h>
10 #include <stdlib.h>
11 #include <string>
12 #define gc getchar_unlocked
13 #define MOD 1000000009
14 using namespace std;
15 inline int getint()
16     {
17         int num = 0;
18         char c = getchar_unlocked();
19         int flag = 0;
20         while(!((c>='0' & c<='9') || c == '-'))
21             c=getchar_unlocked();
22         if(c == '-')
23             {
24                 flag = 1;
25                 c=getchar_unlocked();
26             }
27         while(c>='0' && c<='9')
28             {
29                 num = (num<<1)+(num<<3)+c-'0';
30                 c=getchar_unlocked();
31             }
32         if(flag==0)
33             return num;
34         else
35             return -1*num;
36     }
37
38 int main()
39 {
40     int isprime[1000000]={0};
41     int i,j,n=1000000,a,b,k,t,k1,zz;
42     isprime[0]=1;
43     isprime[1]=1;
44     for(i=2; i<=n; i++)
45     {
46         if(isprime[i]==0)
47             for(j=2*i; j<=n; j+=i)
48                 {
49                     isprime[j]=1;
50                 }
51     }
52
53     t = getint();
54     while(t--)
55     {
56         a = getint();
57         if(!isprime[a])
58             puts("yes");
59         else puts("no");
60     }
61 }
62 }
63 //1 100000 1 u need to get 9700.

```