```cpp
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/*PROBLEM STATEMENT:-
        1.You will be given an integer 'n'. You need to print all the prime
numbers less than or equal to n in the ascending order.
*/
//Source Code:-
#include <iostream>
using namespace std;

int main()
{
    int n;
    cout<<"Enter the value of n:";
    cin>>n;

    int flag;
    if(n!=0 && n!=1)
    {
        for(int i=2;i<=n;i++)
        {
            flag=1;

            for (int j =2; j<=i/2; j++)
            {
                if (i % j == 0)
                {
                    flag=0;
                    break;
                }
            }
            if(flag==1)
            {
                cout << i << " ";
            }
        }
    }
    else
    {
        cout<<"There are no prime numbers less than "<<n;
    }
}
```

```
Enter the value of n:10
2 3 5 7
--------------------------------
Process exited after 17.2 seconds with return value 0
Press any key to continue . . .
```

```
Enter the value of n:1
There are no prime numbers less than 1
--------------------------------
Process exited after 14.94 seconds with return value 0
Press any key to continue . . .
```