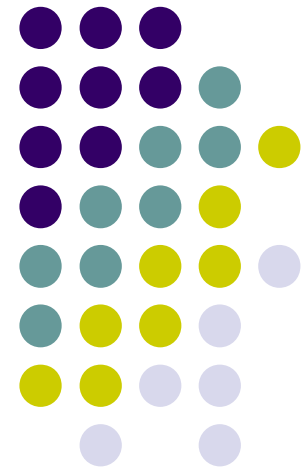


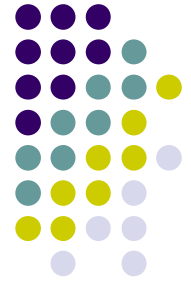
CS-TA HW10

Speaker: Chungyi Wang

Date: 2007/12/5



HW10_1

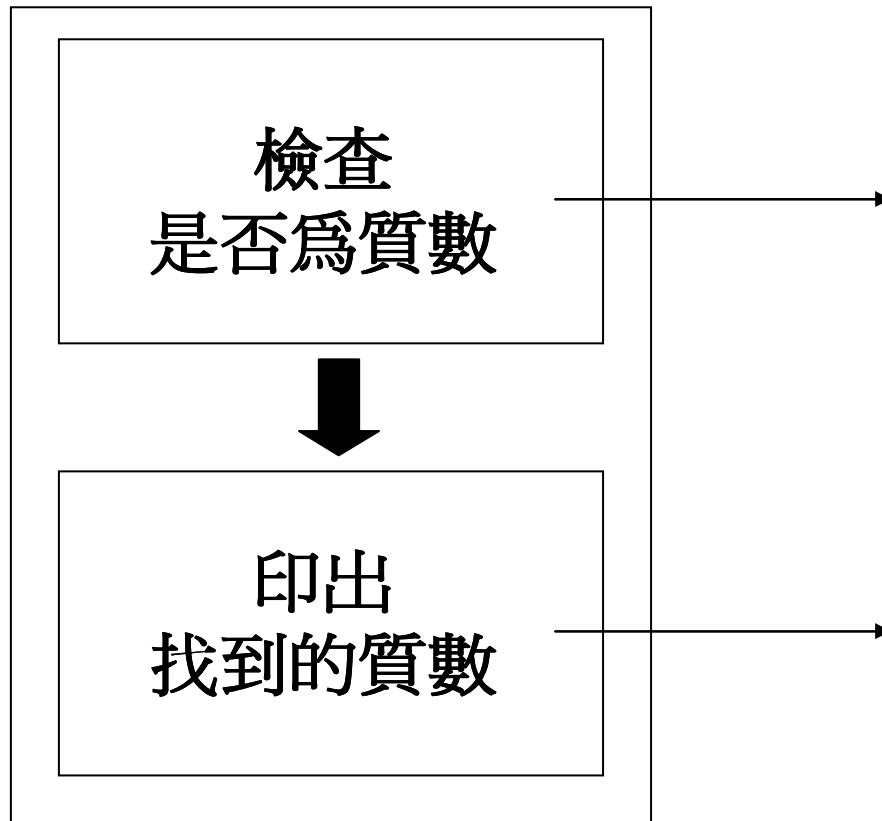


- Modify Ex4_09.cpp so that it will only output prime numbers which are smaller than 100.



HW10_1 (Hint)

EX4_9



控制離開條件
(size=100)

- `if(...) + break`
- `while(...)`

控制列印條件
(size=100)

- `for(; ... ;)`



HW10_1 (Hint)

- 執行結果

```
C:\Documents and Settings\mattkidd\桌面\hw10_1\hw10_1.exe

    2      3      5      7      11
   13     17     19     23     29
   31     37     41     43     47
   53     59     61     67     71
   73     79     83     89     97

請按任意鍵繼續 . . .
```

HW10_2

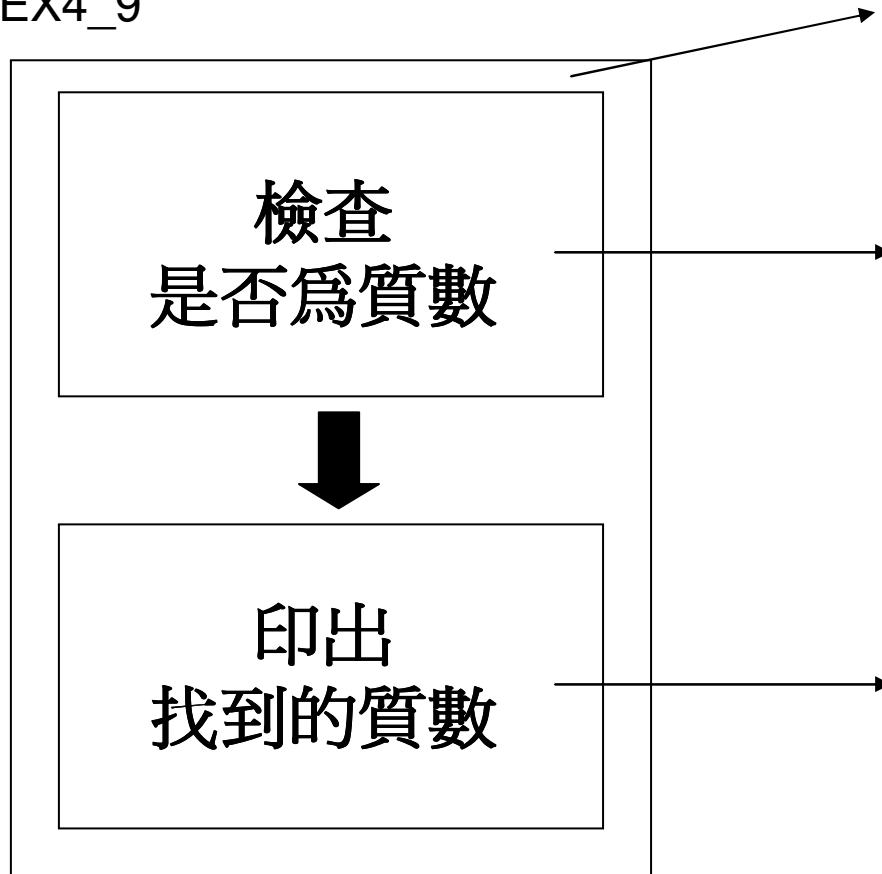


- Modify the previous program, so that it will ask users to input a positive integer N , and output all prime numbers which are smaller than N .



HW10_2 (Hint)

EX4_9



輸入條件

- `cin >> N;`

控制離開條件
(size=N)

- `if(...) + break`
- `while(...)`

控制列印條件
(size=N)

- `for(; ... ;)`



HW10_2 (Hint)

- 執行結果

```
C:\Documents and Settings\mattkidd\桌面\hw10_2\hw10_1.exe
Please enter a positive integer N:300

  2      3      5      7      11
 13     17     19     23     29
 31     37     41     43     47
 53     59     61     67     71
 73     79     83     89     97
101    103    107    109    113
127    131    137    139    149
151    157    163    167    173
179    181    191    193    197
199    211    223    227    229
233    239    241    251    257
263    269    271    277    281
283    293

請按任意鍵繼續 . . .
```