

// Test-Example.cpp : 此檔案包含 'main' 函式。程式會於該處開始執行及結束執行。  
//這是測驗題的樣本

```
#include "pch.h"
#include <iostream>
#include <stdio.h>
#include <math.h>
int inc(int);
int inc2(int);
int Inc(int &);
using namespace std;
int main()
{
    int a = 1;
    int b,x;
    int c[10] = { 0,1,2 };
    b = 3 * a + 2;
    printf("    b=%d\n", b); //這裡會印出b=_____(1)
    b = 2 * b + 3 * a++;
    printf("    a=%d ,    b=%d\n", a, b); //這裡會印出a=_____(2), b=_____(3)
    printf("    c[1]=%d ,    c[5]=%d \n", c[1], c[5]); //這裡會印出    c[1]=_____(4), c[5]=_____ ✓
    (5)
    a = 10;
    b = inc(a);
    printf("    a=%d ,    b=%d\n", a, b); //這裡會印出a=_____(6), b=_____(7)
    for (int i = 0; i < 10; i++)
    {
        c[i] = i * i;
    }
    printf("    c[1]=%d ,    c[5]=%d \n", c[1], c[5]); //這裡會印出    c[1]=_____(8), c[5]=_____ ✓
    (9)
    a = 0;
    b = 1;
    x = 2;
    int k;
    if (a < b && a > x)
        k = a;
    else
        k = b;
    printf("    k=%d\n", k); //這裡會印出k=_____(10)

    k = 1;
    a = inc(k);
    printf("    k=%d\n", k); //這裡會印出k=_____(11)
    printf("    a=%d\n", a); //這裡會印出a=_____(12)

    k = 1;
    a = Inc(k);
    printf("    k=%d\n", k); //這裡會印出k=_____(13)
    printf("    a=%d\n", a); //這裡會印出a=_____(14)

    k = 1;
    a = inc2(k);
    printf("    k=%d\n", k); //這裡會印出k=_____(15)
    printf("    a=%d\n", a); //這裡會印出a=_____(16)
```

```
//    std::cout << "Hello World!\n";
```

```
    return 0;
}

int inc(int n)
{
    n++;
    return n;
}

int inc2(int n)
{
    n++;
    if(n<=5)
        n = inc2(n);
    return n;
}

int Inc(int& n)
{
    return n++;
}
```