

Project ... H34086149_hw4_1(a).exe H34086149_hw4_1(a).exe H34086149_hw4_1(a).exe H34086149_hw4_1(a).exe H34086149_hw4_1(a).exe H34086149_hw4_2... H34086149_hw4_3... H34086149_hw4_ch...

test1.cpp H34086149_hw4_1(a).cpp

```
1 //=====
2 // Name      : H34086149_hw4_1(a).cpp
3 // Author     : mr. NTD
4 // Version    :
5 // Copyright  : Your copyright notice
6 // Description: Hello World in C++, Ansi-style
7 //=====
8
9 #include <iostream>
10 using namespace std;
11
12 int x,y;
13
14 int main() {
15     cin >> x >> y;
16     if(y == 8)
17         if(x == 5)
18             cout << "####" << endl;
19         else
20             cout << "####" << endl;
21     cout << "$$$$" << endl;
22     cout << "####" << endl;
23     return 0;
24 }
25
```

<terminated> (exit value: 0) H34086149_hw4_1(a).exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_1(a)\Debug\H34086149_hw4_1(a).exe (2019/10/15 下午10:29)

```
5 8
####
$$$$
####
```

Project ... H34086149_hw4_1(b).exe

test1.cpp H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_2... H34086149_hw4_3... H34086149_hw4_ch...

```
1 //=====
2 // Name      : H34086149_hw4_1(b).cpp
3 // Author    : mr. NTD
4 // Version   :
5 // Copyright : Your copyright notice
6 // Description : Hello World in C++, Ansi-style
7 //=====
8
9 #include <iostream>
10 using namespace std;
11
12 int x,y;
13 int main() {
14     cin >> x >> y;
15     if(y == 8)
16         if(x == 5)
17             cout << "####" << endl;
18         else
19         {
20             cout << "####" << endl;
21             cout << "####" << endl;
22             cout << "####" << endl;
23         }
24     return 0;
25 }
```

Problems Tasks Properties Console

<terminated> (exit value: 0) H34086149_hw4_1(b).exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_1(b)\Debug\H34086149_hw4_1(b).exe (2019/10/15 下午10:33)

5 8
####

Project ... H34086149_hw4_1(c).exe

test1.cpp H34086149_hw4_1(c).exe

```
1 //=====
2 // Name      : H34086149_hw4_1(c).cpp
3 // Author     : mr.NTD
4 // Version    :
5 // Copyright  : Your copyright notice
6 // Description: Hello World in C++, Ansi-style
7 //=====
8
9 #include <iostream>
10 using namespace std;
11
12 int x,y;
13 int main() {
14     cin >> x >> y;
15     if(y == 8)
16         if(x == 5)
17             cout << "####" << endl;
18         else
19             {
20                 cout << "####" << endl;
21                 cout << "$$$$" << endl;
22             }
23     cout << "####" << endl;
24     return 0;
25 }
```

Problems Tasks Properties Console

<terminated> (exit value: 0) H34086149_hw4_1(c).exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_1(c)\Debug\H34086149_hw4_1(c).exe (2019/10/15 下午10:33)

```
5 8
####
####
```

Project ... H34086149_hw4_1(d).c ^

- > H34086149_hw4_1(a).c ^
- > Debug
- > H34086149_hw4_1(b)
- > Binaries
- > Includes
- > src
- > H34086149_hw4_1(b).c
- > Debug
- > H34086149_hw4_1(c)
- > Binaries
- > Includes
- > src
- > H34086149_hw4_1(c).c
- > Debug
- > H34086149_hw4_1(d)
- > Binaries
- > Includes
- > src
- > H34086149_hw4_1(d).c
- > Debug
- > H34086149_hw4_2
- > Binaries
- > Includes
- > src
- > H34086149_hw4_2.cpp
- > Debug

test1.cpp H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_2(...) H34086149_hw4_3(...) H34086149_hw4_ch...

```
1 //=====
2 // Name      : H34086149_hw4_1(d).cpp
3 // Author     : mr. NTD
4 // Version    :
5 // Copyright  : Your copyright notice
6 // Description: Hello World in C++, Ansi-style
7 //=====
8
9 #include <iostream>
10 using namespace std;
11
12 int x,y;
13 int main() {
14     cin >> x >> y;
15     if(y == 8)
16     {
17         if(x == 5)
18             cout << "####" << endl;
19     }
20     else
21         cout << "####" << endl;
22     cout << "$$$$" << endl;
23     cout << "&&&&&" << endl;
24     return 0;
25 }
26
```

<terminated> (exit value: 0) H34086149_hw4_1(d).exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_1(d)\Debug\H34086149_hw4_1(d).exe (2019/10/15 下午10:34)

```
5 7
####
$$$$
&&&&
```

Project ... H34086149_hw4_2.exe

test1.cpp H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_2... H34086149_hw4_3... H34086149_hw4_ch...

```
1 //=====
2 // Name      : H34086149_hw4_2.cpp
3 // Author    : mr.NTD
4 // Version   :
5 // Copyright : Your copyright notice
6 // Description: Hello World in C++, Ansi-style
7 //=====
8
9 #include <iostream>
10 using namespace std;
11
12 int n;
13 int main() {
14     //ios::sync_with_stdio(false);
15     //cin.tie(0);
16     cin >> n;
17     for(int i = 0; i < n; i++)
18     {
19         for(int j = 0; j < n; j++)
20         {
21             if(!i || !j || i == n - 1 || j == n - 1) cout << '*';
22             else cout << ' ';
23         }
24         cout << '\n';
25     }
26     return 0;
27 }
28
29
```

<terminated> (exit value: 0) H34086149_hw4_2.exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_2\Debug\H34086149_hw4_2.exe (2019/10/15 下午10:34)

```
5
*****
*  *
*  *
*  *
*****
```

Project ... H34086149_hw4_3.exe

test1.cpp H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_1(...) H34086149_hw4_2... H34086149_hw4_3... H34086149_hw4_ch...

```
1 // Copyright : Your copyright notice
2 // Description : 這是我自己leetcode第9題AC的程式碼,輸入限制為int範圍
3 //=====
4
5
6
7
8
9 #include <iostream>
10 using namespace std;
11
12 int x,temp;
13 long int rev = 0; //儲存倒轉後的數字,以long int宣告避免輸入任意位數時倒轉後可能超過int範圍
14 bool isPalindrome(const int &x) {
15     if(x < 0) return false;
16     if(!(x/10)) return true;
17     temp = x;
18     while(temp)
19     {
20         rev = rev * 10 + temp % 10;
21         temp /= 10;
22     }
23     return rev == x;
24 }
25 int main() {
26     cin >> x;
27     if(isPalindrome(x))
28     {
29         cout << "The number is a palidrome\n";
30         return 0;
31     }
32     cout << "The number is NOT a palidrome\n";
33     return 0;
34 }
```

<terminated> (exit value: 0) H34086149_hw4_3.exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_3\Debug\H34086149_hw4_3.exe (2019/10/15 下午10:35)

25652

The number is a palidrome

Project ... H34086149_hw4_challenge

- src
 - H34086149_hw4_1(d).c
- Debug
- H34086149_hw4_2
 - Binaries
 - Includes
 - src
 - H34086149_hw4_2.cpp
 - Debug
- H34086149_hw4_3
 - Binaries
 - Includes
 - src
 - H34086149_hw4_3.cpp
 - Debug
- H34086149_hw4_a(c)
 - Binaries
 - Includes
 - src
 - Debug
- H34086149_hw4_challenge
 - Binaries
 - Includes
 - src
 - H34086149_hw4_challenge.cpp
 - Debug

test1.cpp

```
4 // Version :
5 // Copyright : Your copyright notice
6 // Description :
7 //=====
8
9 #include <bits/stdc++.h>
10 using namespace std;
11
12 vector<int>arr;
13 int x;
14
15 int main() {
16     //ios::sync_with_stdio(false);
17     //cin.tie(0);
18     while(cin >> x) arr.push_back(x); //ending by EOF(Ctrl+z)
19     if(arr.empty()) return 0;
20     if(arr.size() == 1)
21     {
22         cout << arr[0] << ' ';
23         return 0;
24     }
25     if(arr[0] >= arr[1]) cout << arr[0];
26     for(int i = 0; i < arr.size() - 1; i++)
27     {
28         if(arr[i-1] <= arr[i] && arr[i] >= arr[i+1]) cout << arr[i] << ' ';
29     }
30     if(arr.back() >= *(arr.end()-2)) cout << arr.back();
31     return 0;
32 }
```

<terminated> (exit value: 0) H34086149_hw4_challenge.exe [C/C++ Application] C:\Users\user\eclipse-workspace\H34086149_hw4_challenge\Debug\H34086149_hw4_challenge.exe (2019/10/15 下午10:35)

5 7 3 9 10 12

7 12