Write complete and perfect C++ code.

Given the following array:

```cpp
int arr[100];
```

1. Declare and initialize a variable that could be used as an array subscript.

```cpp
int i = 27;

int i = 100; // ---- NO!
```

2. Write a statement that will display the value stored in your array's very last element.

```cpp
cout << arr[99];
```

3. Write code that will fill your array with even numbers that are all unique.

```cpp
for (int i=0; i<100; i++)
    arr[i] = i * 2;
```

4. Write code that will display the word `found`, if the value 99 is stored somewhere in the array.

```cpp
for (int i=0; i<100; i++)
    if (arr[i] == 99)
        cout << "found";
```

5. Use the following pointer variable to display the value of the array's first element.

```cpp
int *ptr;

ptr = arr;
cout << *ptr;
```