Write complete and perfect C++ code.

1. Declare an array that can be used to store at least 100 numbers.

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

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

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

3. Like above, display your array's last value, but without using any bracket operators.

```cpp
cout << *(arr + 99);
```

4. Write code that will fill your array with even numbers that are all different.

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

5. Show the exact output of the following code segment. Circle your answer.

```cpp
char text[40] = "CSUB Rules!";
text[2] = '\0';
cout << text << 2 + 11 * 20;

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```