

```

1  // Please see README.txt
2  // We will go over the answers in class.
3  // Thank you.
4
5  #include <iostream>
6  using namespace std;
7
8  int main() {
9
10     int cs = 340;
11     int *pointer = &cs;
12
13     // Please code a constant pointer which points to pointer
14     int ** const ptr = &pointer;
15
16
17     // Please code an lvalue reference to reference *pointer
18     int & lref = *pointer;
19
20
21     // Please code an rvalue reference to reference *pointer
22     int && rref = move(*pointer);
23
24
25     // Please use the reference(s) or the pointer you created, if legal,
26     // to change the value of cs to 413. Provide your code :
27
28     // OPTIONS:
29     **ptr = 1;
30     cout << cs << endl; // Works!
31     lref = 2;
32     cout << cs << endl; // Works!
33     rref = 3;
34     cout << cs << endl; // Works!
35
36     // OK. Let us answer the question
37     rref = 413;
38     cout << cs << endl;
39 }

```