```cpp
 1  #include <iostream>
 2  #include <string.h>
 3  #include <vector>
 4  #include "A9.h"
 5
 6
 7
 8  // The main function only contains a menu.
 9  // Each exercise in the assignment has it's own function to do
10  // any preliminary work and the core of the exercises will be
11  // in separate functions (the ones that have to be handed in).
12
13  int main() {
14      std::cout << "1 - Reverse number sequence" << std::endl;
15      std::cout << "2 - Fibonacci sequence"      << std::endl;
16      std::cout << "3 - Palindrome"              << std::endl;
17      std::cout << "4 - Levenshtein distance\n"  << std::endl;
18      std::cout << "Choose assignment:";
19
20      unsigned short choice;
21      std::cin >> choice;
22
23      // cin needs to be "flushed" or it will create problems for
24      // subsequent input calls...
25      std::cin.clear();
26      std::cin.ignore();
27
28      std::string S;
29      std::getline(std::cin, S);
30
31      if (choice == 1)
32          assignment9_1(S);
33      else if (choice == 2)
34          assignment9_2(S);
35      else if (choice == 3)
36          assignment9_3(S);
37      else if (choice == 4)
38          assignment9_4(S);
39      else
40          std::cout << "ERROR!";
41
42      return 0;
43  }
```