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/*
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Course: CSCI-135
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Assignment: HW4.9
These are the reorder problems from the textbook.
*/
// #1
bool found = false;
string target = str.substr(0, 1);
int position = 0;
while (!found && position < str.length())</pre>
  {
    string ch = str.substr(position, 1);
    if (ch == target) { found = true; }
    else { position++; }
if (!found) { cout << target << endl; }</pre>
// #2
bool found = false;
string target = str.substr(i, 1);
int position = 0;
string ch = "?";
while (!found && position < str.length())</pre>
    ch = str.substr(position, 1);
    if (ch == target && position != i) { found = true; }
    else { position++; }
if (!found) { cout << target << endl; }</pre>
// #3
for (int i = 0; i < str.length(); i++)
  {
    bool found = false;
    int position = 0;
    string target = str.substr(i, 1);
    while (!found && position < str.length())</pre>
           string ch = str.substr(position, 1);
     if (ch == target && position != i) { found = true; }
     else { position++; }
    if (!found) { cout << target << endl; }</pre>
  }
```