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Assignment: HW4.9

These are the reorder problems from the textbook.

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// #1

bool found = false;

string target = str.substr(0, 1);

int position = 0;

while (!found && position < str.length())

{

string ch = str.substr(position, 1);

if (ch == target) { found = true; }

else { position++; }

}

if (!found) { cout << target << endl; }

// #2

bool found = false;

string target = str.substr(i, 1);

int position = 0;

string ch = "?";

while (!found && position < str.length())

{

ch = str.substr(position, 1);

if (ch == target && position != i) { found = true; }

else { position++; }

}

if (!found) { cout << target << endl; }

// #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())

{

string ch = str.substr(position, 1);

if (ch == target && position != i) { found = true; }

else { position++; }

}

if (!found) { cout << target << endl; }

}