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Course: CSCI-136

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Assignment: Homework 4.9, e.g., Lab1C

Homework 4.9

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**Self-Check**

5.

Find the position of the first digit in a string

Find the position of the first non-digit after a given position

Extract the first integer from a string

Print all integers from a string

**Practice It**

bool found = false;

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

int position = 1;

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

{

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

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

else { position++; }

}

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

bool found = false;

string ch = "?";

int position = 0;

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

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

{

ch = str.substr(position, 1);

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

else { position++; }

}

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

for (int i = 0; i < str.length(); i++)

{

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

bool found = false;

int position = 0;

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; }

}