

Problem 1 Use recursion

Peusdocode

Int Digit1 = 0; Int Digit2 = 0;

Regex("/D+") = testFor;

Print("1st number to recursion, digit only");

String tempStr = console.input();

While(tempStr \neq testFor) {

Print(" Bad string, only digits pls");

TempStr = Console.Input;

}

Digit1 = tempStr.convertToInt();

Print(" second number pls ");

TempStr = Console.Input;

While(tempStr \neq testFor) {

Print(" Bad string, only digits pls");

TempStr = Console.Input;

}

Digit2 = tempStr.convertToInt();

Int Number = Digit1 + Digit2;

Int TempNum = 0;

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While(Number \geq 10) {

TempNum = Number % 10;

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Number = Number / 10;
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Number = Number + TempNum;
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}
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Print("This is your number: " + Number);
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// This is the end of pseudocode below is flowchart made to put design // down on paper

