COMP 1111 Project #1

03.04.2020

Work To Do

Implement Guess a number program. Guess a number is a game, where the user tries to guess a (3 or 4) digit target number which is randomly chosen by the computer. The digits of the target number must be distinct. When the user guesses a number, the computer

- Prints k '+' if the guessed number has k same digits as the target number and also in their correct positions.

- Prints k '-' if the guessed number has k same digits as the target number but not in their correct positions.

- Prints "No match", if the digits of the guessed number are different than the digits of the target number.

- Prints "You found the number", if the guessed number is the same as the target number.

Here is an example run of the Guess a number:

```
Enter number of digits: 3
123
No match
456
No match
789
++
089
-+
780
You found the number.
```

```
Enter number of digits: 4
9785
-
2148
-
6413
+-
8647
+
5820
-
3017
You found the number.
```

Due To

17 April 2020