CSC 252 – Project 1: The Game of Craps
Due: Monday, October 5, 2020, by 11:59pm

Introduction

Craps is played with two six-sided dice which are rolled together. The sum of these two dice is computed and if the sum is:

•   2,3, or 12 – the player loses.

•   7 or 11 – the player wins.

•   Any other number is referred to as the "point." The goal then becomes to keep rolling the dice until:

         o   The player rolls a 7 – the player loses

         o   The player rolls the "point" – the player wins.

Examples

```
You have rolled 5 + 2 = 7
You Win!

Would you like to play again? (1 for yes, anything else to exit) 2
```

```
You have rolled 6 + 6 = 12
You Lose!

Would you like to play again? (1 for yes, anything else to exit) 2
```

```
You have rolled 1 + 4 = 5
The point is now 5.

You have rolled 4 + 3 = 7
You Lose.

Would you like to play again? (1 for yes, anything else to exit) 2
```

```
You have rolled 4 + 4 = 8
The point is now 8.

You have rolled 3 + 1 = 4
You have rolled 5 + 5 = 10
You have rolled 5 + 3 = 8
You Win!

Would you like to play again? (1 for yes, anything else to exit) 2
```

Requirements and Hints

- For syscall help check the class website examples and visit the MARS documentation page: http://courses.missouristate.edu/KenVollmar/MARS/Help/SyscallHelp.html

- You are used to writing functions for programs as part of good style. Functions in assembly language require additional steps to make them work, so for now, it is acceptable to not use functions, and we will learn them soon.

- That being said, style is still important. In a high-level language, it is often discouraged from writing a comment for every statement. In Assembly, that is probably a good idea. Note that a bad comment would be something that describes the action of an instruction literally, e.g., "Add 1 to $T2". What is more useful is to explain what the line does, e.g., "Increment the number of iterations of the loop".

  - We will grade style in addition to correctness, especially since it is so easy to make an unreadable program in Assembly.

Submission
Upload your Craps.asm file to D2L by the due date for credit