

CST142 – Programming in C
Lab #3

Using the two programs from last lab. . . .

Program #1

Create a “magic eight ball” program in which the user can verbally ask the computer a question and push “Q” and the computer will randomly select one of the eight answers you have programmed into it. Then have the program ask if the user would like to play again. If the user answers “Y” have the program start again. If it is “N”, have the program quit and display a closing remark.

Program #2

Create a dice rolling program that rolls two eight dice. Each time the program runs, use random numbers to assign a value to each dice variable. Output “The player wins” message if ever the sum of the two dice is 9 or 15. Otherwise output “The computer wins” and display the sum of the two dice.

At the end of the program ask if the user would like to play again. If the user answers “Y” have the program start again. Have the program keep score and display this score at the end of every round. If it is “N”, have the program quit and display the final score and a closing remark.

To Submit. . . use dropbox in D2L to submit a screenshot of both the output console and the code itself. Submit as one large pdf.