

Create a project called Daily13. Add a C source file to the project named daily13.c.

Write a program to score the paper-rock-scissors game AGAIN. Each of two players enters either P, R, or S. The program then announces the winner as well as the basis for determining the winner: “Paper covers rock”, “Rock breaks scissors”, “Scissors cut paper”, or “Draw, nobody wins”. The players must be able to enter either upper- or lower-case letters. If an invalid choice is entered, the player should be permitted to re-enter his choice immediately (before the other player is given a chance to enter their value). The program must allow the players to continue playing as long as desired by asking them after each game if they would like to play again.

The primary difference between this daily and daily 12 is that in this one you MUST use a function to get the input value for the player’s choice. The function MUST return an enumerated type called Choice that has three values, ROCK, PAPER, and SCISSORS. This makes it so that the only part of your program that pertains to the player choices that can involve character variables is the input portion. The rest of your program should always use variables of the enumerated Choice type and the end result should be that your program is easier to read.

Your program output should look something like the following:

```

C:\Windows\system32\cmd.exe
Player-1 it is your turn!
Please enter your choice (p)aper, (r)ock, or (s)cissors: why
I'm sorry, I do not understand.
Please enter your choice (p)aper, (r)ock, or (s)cissors: 42
I'm sorry, I do not understand.
Please enter your choice (p)aper, (r)ock, or (s)cissors: Paper!
Player-2 it is your turn!
Please enter your choice (p)aper, (r)ock, or (s)cissors: r
Player-1 wins! Paper covers rock.
Do you wish to continue? (y/n): y
Player-1 it is your turn!
Please enter your choice (p)aper, (r)ock, or (s)cissors: s
Player-2 it is your turn!
Please enter your choice (p)aper, (r)ock, or (s)cissors: ROCK on!
Player-2 wins! Rock breaks scissors.
Do you wish to continue? (y/n): n
Press any key to continue . . . _
  
```

At the top of your program you should have a comment section that follows the below format:

```

/*****
Author: <insert your name>
Date: 10/03/2014

Purpose: <Insert a short description of what
your program does here.>
Time Spent: <Insert how much time you spent
on the assignment here>
*****/
  
```