Problem Specification

Rock, Paper, Scissors

1   PROBLEM DESCRIPTION

Write code that lets the user play the game of rock, paper scissors. Look up the rules if you have never played. The computer will play a random move. The game should be played for three rounds if necessary, best of three wins.

2   INPUT DESCRIPTION

- The user shall enter one of the five characters listed below.

Character	Operation
R	Addition
P	Subtraction
S	Multiplication

3   OUTPUT DESCRIPTION

Your code shall print a line of text such as:

> *(R)ock, (P)aper, or (S)cissors? R*
> *You played Rock, Computer played S*
> *You: 1 Computer:0*

> *(R)ock, (P)aper, or (S)cissors? P*
> *You played Rock, Computer played P*
> *You: 1 Computer:0*

> *(R)ock, (P)aper, or (S)cissors? R*
> *You played Rock, Computer played P*
> *You: 1 Computer:1*

And so on until the match is won. At the end of a match display the winner using either

> *You win*

Or

> *You lose*

Replace the values and operation as appropriate to your unique test cases.

4 WHAT TO TURN IN

- Your code
- Documented test cases