

# Rock Paper Scissors Script

## Revision 2

Rock paper scissors is a game played between two people, where each person makes a choice between rock, paper, or scissors. This game has clear rules- rock beats scissors, paper beats rock, and scissors beats paper.

As this game has clear winning conditions and simple inputs (only two players, each player can only pick one of three choices), this game can be programmed using simple control flow.

In this project, you'll use vim to write a bash script named `rpc.sh`. This script will:

1. Tells the player the rules of this game.
2. Asks the user to choose Rock (0), Paper (1), or Scissors (2).
3. Picks a random number for the computer's choice (0, 1, or 2).
4. Computes and displays the winner of this competition.

## Helpful Shell Commands

Reading into a variable, printing that variable:

```
read var # this waits for input
echo "$var"
```

Conditionals (numbers):

```
choice=0
if [ $choice -eq 0 ]
then
    echo "choice was rock!"
elif [ $choice -eq 1 ]
then
    echo "choice was paper!"
else
    echo "choice was not rock or paper, so it is probably scissors!"
fi
```

Get a random number between 0 and 2, and store into variable called `var`:

```
var= eval $RANDOM % 3
```

## Helpful Vim Commands

<b>h, j, k, l</b> move around (left down up right)	<b>:wq</b> write and quit vim
<b>i</b> go into insert mode, <i>at</i> the cursor	<b>:q!</b> quit without saving
<b>a</b> go into insert mode, <i>after</i> the cursor	<b>dw</b> delete forward a word
<b>b, w</b> back a word, forward a word	<b>dd</b> delete line
<b>:w</b> write (save) this file	<b>2dd</b> delete two lines