ROCK, PAPER, SCISSORS

/\* Create function to get the User's choice of rock, paper or scissors. Change input to lowercase so entry is not case sensitive. \*/

const getUserChoice = (userInput) => {

userInput = userInput.toLowerCase();

if (userInput === 'rock') {

return userInput;

} else if (userInput === 'paper') {

return userInput;

} else if (userInput === 'scissors') {

return userInput;

} else

console.log ('Invalid Choice. Pick rock, paper or scissors.')

}

/\* Run function to get user choice. Store returned value in variable userChoice. \*/

let userChoice = getUserChoice ('scissors');

/\* Create function to get computer's choice of rock, paper or scissors. Since three possible values, get a randonm number between 0 and 1, multiply by 3, round down to nearest whole number. If 0 then rock, 1 then paper, 2 then scissors. \*/

const getComputerChoice = () => {

let getRandomNumber = Math.floor(Math.random() \* 3);

if (getRandomNumber === 0) {

return 'rock';

} else if (getRandomNumber === 1) {

return 'paper';

} else {

return 'scissors';

}

}

/\* Run function to get computer's choice and store in variable

computerChoice \*/

let computerChoice = getComputerChoice ();

// Create Function to check is user or computer wins.

const determineWinner = (userChoice,computerChoice) => {

if (userChoice === computerChoice) {

return 'Game was a tie';

} else if (userChoice === 'paper') {

if (computerChoice === 'scissors') {

return 'Computer wins';

} else {

return 'User wins';

}

} else if (userChoice === 'rock') {

if (computerChoice === 'scissors') {

return 'User wins';

} else {

return 'Computer wins';

}

} else {

if (computerChoice === 'paper') {

return 'User wins';

} else {

return 'Computer wins';

}

}

}

// Run function to determine winner and display to screen

let getWinner = determineWinner (userChoice,computerChoice);

console.log ('User picked ' + userChoice + '. Computer picked ' + computerChoice + '. ' + getWinner + '.');

Sample output:

User picked scissors. Computer picked scissors. Game was a tie