

CS 575 – Thursday night

In this assignment, you will write the Rock, Paper, Scissors game and play against the computer.

Pseudocode – Rock-Paper-Scissors game

Ask the user to enter the name.

Ask the user to enter R for rock, P for paper, S for scissors or E to end the program.

**//while selection is not E**

**{ // start while**

Use rand() function to generate the computer selection (0, 1, or 2)

**//use switch statement to control computer's move**

Case 0: random is 0, computer picks R.

    If user picks P, displays "You win!!!!"

    If user picks S, displays "I win! HAHAAHAH!!"

Case 1: random is 1, computer picks P

    If user picks S, displays "You win!!!!"

    If user picks R, displays "I win! HAHAAHAH!!"

Case 2: random is 2, computer picks S

    If user picks R, displays "You win!!!!"

    If user picks P, displays "I win! HAHAAHAH!!"

If computer and user picks are the same, displays "We are tied. No winner. Try again."

If answer is yes, loop continues. If the answer is no, exit the loop.

**//end while**

Compare the winning numbers of computer and user.

If the winning numbers of user > the winning number of computer.

    Displays message "You won the game."

If the winning numbers of user < the winning number of computer.

    Display message "I win the game! I am clearly the better player. Nyah, nyah!"

If the winning numbers of user == the winning number of computer.

    Display message "We tied. There is no winner."