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COSC 220 – SEC 001

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Pseudocode – Character mimic fight (switch)

import java.util.Scanner;  
import java.io.FileReader;  
import java.io.\*;  
import java.lang.String;  
import java.util.Random;  
/\*\* This is a Java Program  
FileName : "Hero\_Game".  
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Purpose: This is a Java Program that asks the user to pick a character to play as,   
then pick the character they want to fight as,   
then use an RNG to compute a winner after 7 rounds!\*/  
public class Hero\_Game {   
 //Method that opens file "Hero.txt" and reads it from a specific line and stops reading at another specific line (displays the text from the file into the console)  
 public static void files() throws IOException {  
   
 BufferedReader in = new BufferedReader (new FileReader("Hero.txt")); //Allows text to be read from the file "Hero.txt"  
 String inFile = "";  
 int startLine = 1; //Text from file is outputted starting from the first line  
 int endLine = 7; //Text from file is outputted ending at the seventh line  
 for (int i = 0; i < startLine; i++) {   
 inFile = in.readLine();   
 }  
 for (int i = startLine; i < endLine + 1; i++) {  
 inFile = in.readLine();  
 System.out.println(inFile);   
 }  
   
 in.close(); //The file is closed  
 }   
 //Method that initializes the character traits of attack, health, and special as Random for both charcaters selected   
 //Adds all the stats for the first character, then  
 //Adds all the stats for the second character, then returns (Attack > Attack2)  
 public static boolean RNG(){  
   
 Random rand = new Random();   
 int Attack = rand.nextInt(500);   
 int Attack2 = rand.nextInt(500);  
 int Health = rand.nextInt(500);   
 int Health2 = rand.nextInt(500);  
 int Special2 = rand.nextInt(500);   
 int Special = rand.nextInt(500);  
 Attack = Attack + Health + Special;  
 Attack2 = Attack2 + Health2 +Special2;  
 return (Attack > Attack2);  
   
 }  
 //The main method (executs the bulk or main parts of the code)  
 public static void main(String[] args) throws IOException {   
 //Initializes String, char, and int variables  
 String repeat;  
 char choice;  
 char pick;  
 int win = 0;   
 int win2 = 0;  
 String fileName = "Hero\_Results.txt"; //String fileName initialized to the text file name  
 PrintWriter outFile = new PrintWriter(fileName); //PrintWriter declared | Allows user to print the results to a file   
 //The do is connected to a do-while loop that allows the user to restart the program if they'd like to   
 do{   
 /\*  
 Display messages asking the user to select a character from the list that they want to play as  
 Acquire user input  
 \*/  
   
 System.out.println("Pick a Superhero from the following list that you want to play as!");  
 files(); //Calls method files(); | displays the character list  
 Scanner s = new Scanner(System.in);  
 choice = s.next().charAt(0); //Allows user to input a letter for char choice;  
 //Input Validation (checks to see if the input is one of the following | if it is not one of the following, then the following gets executed)   
 while (choice != 't' && choice != 'T' && choice != 'b' && choice != 'B' && choice != 'd' && choice != 'D' && choice != 'p'   
 && choice != 'P' && choice != 'a' && choice != 'A' && choice != 'z' && choice != 'Z' )  
 {  
 System.out.println("Invalid input! Pick from the following:");  
 files(); //Calls method files(); | displays the character list  
 choice = s.next().charAt(0); //Allows user to input another letter for char choice;  
 }  
 /\*  
 Display messages asking the user to select a character from the list that they want to fight against  
 Acquire user input  
 \*/   
 System.out.println("Pick a DIFFERENT charcater that you would like to fight?");  
 files(); //Calls method files(); | displays the character list  
 pick = s.next().charAt(0); //Allows user to input another letter for char pick;  
 //Input Validation (checks to see if the input is one of the following | if it is not one of the following, then the following gets executed)   
 while (pick != 't' && pick != 'T' && pick != 'b' && pick != 'B' && pick != 'd' && pick != 'D'   
 && pick != 'p' && pick != 'P' && pick != 'a' && pick != 'A' && pick != 'z' && pick != 'Z' )  
 {  
 System.out.println("Invalid input! Pick from the following:");  
 files(); //Calls method files(); | displays the character list  
 pick = s.next().charAt(0); //Allows user to input another letter for char pick;  
 }  
 switch (choice) {  
 /\*  
 Case 1 for the first character  
 Include nested if statements to allow an outcome that is true when using an RNG   
 and comparing which number was higher from the RNG   
 The higher number is the winner and a message is displayed stating that character is the winner   
 \*/  
 case 'T':  
 case 't':  
 //If the same character is chosen twice, then the output is invalid and the program ends! | This is repeated throughout the switch statements  
 if (pick == 'T' || pick == 't'){  
 outFile.println("Invalid! You cannot fight against the same charcater!");  
 }  
 if (pick == 'B' || pick == 'b'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 //As long as the boolean value of the method RNG() is true, then computes a winner of the round using the RNG values  
 //RNG() is initialized to true | and the following is repeated throughout the switch statement  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Tanjiro won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Barack Obama won this round!");  
 }  
 }  
 //Compares the win total between the characters and finds the total number of wins!  
 if (win > win2)  
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'D' || pick == 'd'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Tanjiro won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Dhruv won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Drhuv is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'P' || pick == 'p'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Tanjiro won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Phoebe won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'A' || pick == 'a'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Tanjiro won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Aadhya won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'Z' || pick == 'z'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Tanjiro won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Zenitsu won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
   
 break;  
 /\*  
 Case 2 for the second character  
 Include nested if statements to allow an outcome that is true when using an RNG   
 and comparing which number was higher from the RNG   
 The higher number is the winner and a message is displayed stating that character is the winner   
 \*/   
 case 'B':  
 case 'b':  
 if (pick == 'B' || pick == 'b'){  
 outFile.println("Invalid! You cannot fight against the same charcater!");  
 }  
 if (pick == 'T' || pick == 't'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Barack Obama won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Tanjiro won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
   
 if (pick == 'D' || pick == 'd'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Barack Obama won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Dhruv won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Drhuv is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'P' || pick == 'p'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Barack Obama won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Phoebe won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'A' || pick == 'a'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Barack Obama won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Aadhya won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'Z' || pick == 'z'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Barack Obama won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Zenitsu won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
   
 break;  
 /\*  
 Case 3 for the third character  
 Include nested if statements to allow an outcome that is true when using an RNG   
 and comparing which number was higher from the RNG   
 The higher number is the winner and a message is displayed stating that character is the winner   
 \*/   
 case 'D':  
 case 'd':  
 if (pick == 'D' || pick == 'd'){  
 outFile.println("Invalid! You cannot fight against the same charcater!");  
 }  
 if (pick == 'T' || pick == 't'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Dhruv won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Tanjiro won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'B' || pick == 'b'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Dhruv won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Barack Obama won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'P' || pick == 'p'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Dhruv won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Phoebe won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'A' || pick == 'a'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Dhruv won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Aadhya won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'Z' || pick == 'z'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Dhruv won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Zenitsu won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Zenistu is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
   
 break;  
 /\*  
 Case 4 for the fourth character  
 Include nested if statements to allow an outcome that is true when using an RNG   
 and comparing which number was higher from the RNG   
 The higher number is the winner and a message is displayed stating that character is the winner   
 \*/   
 case 'P':  
 case 'p':  
 if (pick == 'P' || pick == 'p'){  
 outFile.println("Invalid! You cannot fight against the same charcater!");  
 }  
 if (pick == 'T' || pick == 't'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Phoebe won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Tanjiro won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'B' || pick == 'b'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Phoebe won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Barack Obama won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'D' || pick == 'd'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Phoebe won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Dhruv won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'A' || pick == 'a'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Phoebe won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Aadhya won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'Z' || pick == 'z'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Phoebe won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Zenitsu won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
   
 break;  
 /\*  
 Case 5 for the fifth character  
 Include nested if statements to allow an outcome that is true when using an RNG   
 and comparing which number was higher from the RNG   
 The higher number is the winner and a message is displayed stating that character is the winner   
 \*/   
 case 'A':  
 case 'a':  
 if (pick == 'A' || pick == 'a'){  
 outFile.println("Invalid! You cannot fight against the same charcater!");  
 }  
 if (pick == 'T' || pick == 't'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Aadhya won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Tanjiro won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'D' || pick == 'd'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Aadhya won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Dhruv won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'P' || pick == 'p'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Aadhya won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Phoebe won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'B' || pick == 'b'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Aadhya won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Barack Obama won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'Z' || pick == 'z'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Aadhya won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Zenitsu won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
   
 break;  
 /\*  
 Case 6 for the sixth character  
 Include nested if statements to allow an outcome that is true when using an RNG   
 and comparing which number was higher from the RNG   
 The higher number is the winner and a message is displayed stating that character is the winner   
 \*/   
 case 'Z':  
 case 'z':  
 if (pick == 'Z' || pick == 'z'){  
 outFile.println("Invalid! You cannot fight against the same charcater!");  
 }  
 if (pick == 'T' || pick == 't')  
 {  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Zenitsu won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Tanjiro won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Tanjiro is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'D' || pick == 'd'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Zenitsu won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Dhruv won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Dhruv is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'P' || pick == 'p'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Zenitsu won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Phoebe won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Phoebe is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }  
 if (pick == 'B' || pick == 'b'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Zenitsu won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Barack Obama won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Barack Obama is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 if (pick == 'A' || pick == 'a'){  
 win = 0;  
 win2 = 0;  
 for(int i=1; i <=7 ; i++){  
 if(RNG()==true)  
 {  
 win = win + 1;  
 outFile.println(i+". Zenitsu won this round!");   
 }  
 else  
 {   
 win2 = win2 + 1;  
 outFile.println(i+". Aadhya won this round!");  
 }  
 }  
 if (win > win2)  
 outFile.println("Zenitsu is the winner of the 7 rounds with a total of "+win+" wins!");  
 else   
 outFile.println("Aadhya is the winner of the 7 rounds with a total of "+win2+" wins!");  
 }   
 break;   
 }  
   
 System.out.println("\nWould you like to repeat the program? (Yes or No)");  
 repeat = s.next();  
 if (repeat.equalsIgnoreCase("Yes"))  
 {  
 outFile.println("-------------------------------");  
 outFile.println("RESULTS OF NEXT GAME");  
 outFile.println("-------------------------------");  
 }  
 }  
   
 //The while is connected to a do-while loop that allows the user to restart the program if they'd like to   
 while (repeat.equalsIgnoreCase("Yes"));  
 //If, is connected to the do-while to see of the condition is true when the user doesn't enter "Yes", and ends the program   
 if (repeat != ("Yes")) {  
 System.out.println("Thank you for using the program!");  
 outFile.close(); //Closes the file that the results is printed to ("Hero\_Results.txt")  
 }  
 }  
}