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/* This program calculates the winning baseball team
* Baseball:
* Based on input of 2 baseball team names and 3 baseball players per team (6 total)
 * Statistics:
       First Baseman can score 10 runs exclusive
       Second Baseman can score 15 runs exclusive
      Third Baseman can score 20 runs exclusive
 * The runs scored by each player are totaled up into the full score
 * Based on input of 2 soccer teams and 3 soccer players per team
 * Statistics:
       Striker can score 3 goals exclusive
       Left Winger can score 5 goals exclusive
       Right Winger can score 7 goals exclusive
 * The goals of each player are totaled up into the full score
import java.util.Scanner; // Imports the Scanner module
import java.util.Random; // Imports random number generation
public class finalProject
{
   public static void main(String[] args)
        // Tells the client about the program
        System.out.print("This program outputs fantasy baseball and soccer
statistics.\n");
        System.out.print("The score of a team is calculated based on the scores of the
three inputted players.\n");
        System.out.print("The scores of the three players are totaled up to create the
overall team score.\n");
        System.out.print("The team with the highest total score wins the
simulation.\n\n");
        //Opens Scanner to collect client input
        Scanner scanString = new Scanner(System.in);
        Scanner scanInt = new Scanner(System.in);
        // defines the formatted select screen
        String selectScreen =
            "Which sport would you like to evaluate?\n" +
            " 1. Baseball\n" +
            " 2. Soccer\n" +
            "=> ";
        // Collects user input regarding selection of sport
        System.out.print(selectScreen);
        int sportSelection = scanInt.nextInt();
        //Initialize sport specific variables
        String sport;
        String position1;
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String position2;
String position3;
String scoreUnit;
// Conditional to set sport specific variables
if(sportSelection == 1)
    sport = "baseball";
    position1 = "first baseman";
    position2 = "second baseman";
    position3 = "third baseman";
   scoreUnit = "run";
}
else
{
   sport = "soccer";
    position1 = "striker";
    position2 = "left winger";
    position3 = "right winger";
   scoreUnit = "goal";
}
// Collects user input for teamA
System.out.printf("What is the name of your %s team?\n=> ", sport);
String teamA = scanString.nextLine();
System.out.printf("What is the name of the %s?\n=> ", position1);
String playerA1 = scanString.nextLine();
System.out.printf("What is the name of the %s?\n=> ", position2);
String playerA2 = scanString.nextLine();
System.out.printf("What is the name of the %s?\n=> ", position3);
String playerA3 = scanString.nextLine();
// Creates random number generator
Random generator = new Random();
// Declares score variables for team A
int playerA1Score;
int playerA2Score;
int playerA3Score;
int teamAScore;
// Conditional to determine player score
if(sport == "baseball")
    playerA1Score = generator.nextInt(10);
    playerA2Score = generator.nextInt(15);
   playerA3Score = generator.nextInt(20);
}
else
{
    playerA1Score = generator.nextInt(3);
    playerA2Score = generator.nextInt(5);
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playerA3Score = generator.nextInt(7);
        }
        teamAScore = playerA1Score + playerA2Score + playerA3Score;
        // Prints team statistics to standard output
        System.out.printf("\nStatistics for the %s:\n", teamA);
        System.out.printf("%s (%s): %s %ss\n", playerA1, position1, playerA1Score,
scoreUnit);
        System.out.printf("%s (%s): %s %ss\n", playerA2, position2, playerA2Score,
scoreUnit);
        System.out.printf("%s (%s): %s %ss\n", playerA3, position3, playerA3Score,
scoreUnit);
        System.out.printf("The %s have %s %ss in total.\n\n", teamA, teamAScore,
scoreUnit);
        // Collects user input for teamB
        System.out.printf("What team would you like to compare to the %s?\n=> ",
teamA);
        String teamB = scanString.nextLine();
        System.out.printf("What is the name of the %s?\n=> ", position1);
        String playerB1 = scanString.nextLine();
        System.out.printf("What is the name of the %s?\n=> ", position2);
        String playerB2 = scanString.nextLine();
        System.out.printf("What is the name of the %s?\n=> ", position3);
        String playerB3 = scanString.nextLine();
        // Closes scanners to prevent resource leak
        scanString.close();
        scanInt.close();
        /// Declares score variables for team B
        int playerB1Score;
        int playerB2Score;
        int playerB3Score;
        int teamBScore;
        // Conditional to determine player score
        if(sport == "baseball")
            playerB1Score = generator.nextInt(10);
            playerB2Score = generator.nextInt(15);
            playerB3Score = generator.nextInt(20);
        }
        else
        {
            playerB1Score = generator.nextInt(3);
            playerB2Score = generator.nextInt(5);
            playerB3Score = generator.nextInt(7);
        }
        teamBScore = playerB1Score + playerB2Score + playerB3Score;
        // Prints team statistics to standard output
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System.out.printf("\nStatistics for the \%s:\n", teamB);
       System.out.printf("%s (%s): %s %ss\n", playerB1, position1, playerB1Score,
scoreUnit);
       System.out.printf("%s (%s): %s %ss\n", playerB2, position2, playerB2Score,
scoreUnit);
       System.out.printf("%s (%s): %s %ss\n", playerB3, position3, playerB3Score,
scoreUnit);
       System.out.printf("The %s have %s %ss in total.\n\n", teamB, teamBScore,
scoreUnit);
       // Defines the graphics as variables
       String teamAGraphic =
                ---\n" +
           " ======\n" +
              | X X |\n" +
              | / |\n" +
           " |(---)|\n" +
           " |----|\n" +
           "---| |---\n" +
           " -----\n";
       String teamBGraphic =
                (())\n" +
           " ((((())))\n" +
                (())\n" +
              | |\n" +
           " ---| |\n" +
               | |----\n" +
           "=====| |\n" +
           " | \\n";
       String neutralGraphic =
           "o:;::loc::c:..\n" +
           "xo:x00000o:::;'\n" +
           ";;d0KK000Kx::::\n" +
           "' d0XXX00KXc:::\n" +
           ". c00000000::::\n" +
           "...c000000;.;::\n" +
           " .;l00000...,::\n" +
           ".:oooxkxo:;;:::\n" +
           "llllloooolc':''\n";
       // Conditional to decide who won the contest
       int scoreWonDifference; // Variable shows how much the winning team won by
       if(teamAScore > teamBScore) // Scenario in which teamA wins
           scoreWonDifference = teamAScore - teamBScore;
           System.out.printf("The %s won by %s %ss!\n\n", teamA, scoreWonDifference,
scoreUnit);
           System.out.print(teamAGraphic);
       }
       else if(teamAScore == teamBScore) // Scenario in which there is a tie
```