

Java Int Sample Class Project

**SCORE BOARD:** Program to calculate the total number of goals scored in a golf game

```
/*
 * To change this license header, choose License Headers in Project
Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package homework102515;

import java.util.Scanner;

/**
 *
 * @author Kyle
 */
public class Homework102515 {

    /**
     * @param args the command line arguments
     */

    Scanner a = new Scanner(System.in);
    System.out.println("How many holes are you playing?");
    int holeNum = a.nextInt();
    System.out.println("How many shots do you think you will have
to hit?");
    int predictedScore = a.nextInt();
    int scoreHole = 0;
    int totalScore = 0;
    for (int i=1; i<holeNum+1; i++) {
        scoreHole = Math.round((float)Math.random()*5+1);
        //System.out.println("Hole " + i + " score: " + scoreHole
+ " shot(s).");
        totalScore+=scoreHole;
    }
    int differenceScore = predictedScore-totalScore;
    if (differenceScore<0) {
        System.out.println("Oh no! You missed your target score by
" + -differenceScore + " shot(s)!");
    } else if (differenceScore==0) {
        System.out.println("Wow... you got exactly " +
predictedScore + " shots!");
    } else {
        System.out.println("Good job! You beat your expected score
by " + differenceScore + " shot(s)!");
    }

}
}
```