User:         aboutams
Name:         Mohamed S Aboutabl
Course:       cs139a
Assignment:   pt1
Version:      1
Date:         Thu Sep 16 04:08:09 PM 2004
Files:        RodConverter.java
PDF-spec:     90/99
Honor Pledge: I have NOT received unauthorized assistance

Compiling ...
j139c RodConverter.java

/aux/bin/progtst -C -v -f test-report pt1
*** PROGRAM TEST ***
Assignment: pt1
Test Dir:   /fs/home-f/aboutams/cs139.d/assign.d/pt1.d
Test Cnt:   5

Test 01: (pt1 <tst-01 )
  Exec prog...; output: wrong;  FAILURE.
*** TEST RESULT FOR 'pt1': FAILED test(s) 01 ***
<--- Test 01: input data follows (WITHOUT line numbers) --->
0<--- Test 01: correct output follows (WITH line numbers)--->
1
2                              Rod Converter
3
4   Enter the number of rods to convert:
5   Number of rods: 0.00
6
7   Number of yards: 0.00
8   Number of miles: 0.00
9
10                       Exiting program Rod Converter
<--- Test 01: your incorrect output follows (WITH line numbers)--->
1
2                              Rod Converter
3
4   Enter the number of rods to convert:
5   Number of rods: 0.0
6
7   Number of yards: 0.00
8   Number of miles: 0.00
9
10                       Exiting program Rod Converter
<--- First difference after line 5, char 19: Expected='0', Observed='
'. --->
<--- Test 01: model err-output is empty --->
<--- Test 01: your err-output is empty --->
public class RodConverter {
    public static void main(String[] args) {
        double rods, yards, miles;
        final double YARDS_PER_ROD = 5.5, YARDS_PER_MILE = 1760.0;
        DecimalFormat twoDecimals = new DecimalFormat("0.00");
        System.out.println("Enter the number of rods to convert: ");
        rods = Keyboard.readDouble();
        yards = rods * YARDS_PER_ROD;
        miles = yards / YARDS_PER_MILE;
        System.out.println("Number of yards:	" + twoDecimals.format(yards));
        System.out.println("Number of miles:	" + twoDecimals.format(miles));
        System.out.println("Exiting program Rod Converter");
    }
}