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project01-ndminh0610srcconversionConversionCalculator

ConversionCalculator.java xCoinCalculator.java x

4public class ConversionCalculator {

5Scanner sc = new Scanner(System.in);

6

7public void convertWeightInKg() {

8System.out.print("Enter a person weight in pounds (lbs): ");

9double weightInPound = sc.nextDouble();

10System.out.println("The weight in kilograms (kg) is: " + (weightInPound * 0.454));

11}

12public void convertHeightInCm() {

13System.out.print("Enter a person height in feet (ft): ");

14double heightInFt = sc.nextDouble();

15System.out.println("The height in centimeters (cm) is: " + (heightInFt * 30.48));

16}

17public static void main(String[] args) {

18//TODO: write a program to convert (lbs, ft) to (kg, cm)

19System.out.println();

20ConversionCalculator a = new ConversionCalculator();

21a.convertWeightInKg();

22a.convertHeightInCm();

Run:ConversionCalculator xCoinCalculator x

"C:\Program Files\Java\jdk-15\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.2\lib\idea_rt.jar=49796:C:\Program Files\JetBrains\I

Enter a person weight in pounds (lbs): 150.5

The weight in kilograms (kg) is: 68.327

Enter a person height in feet (ft): 5.6

The height in centimeters (cm) is: 170.688

Process finished with exit code 0

GitRunProblemsProfilerBuildTODOTerminal

All files are up-to-date (a minute ago)

9:1masterENG3:57 PM

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9      double value = sc.nextDouble();
10     int intValue = (int) (value * 100);

11
12     int numQuarters = intValue / 25;
13     int numDimes = (intValue % 25) / 10;
14     int numNickels = (intValue % 25 % 10) / 5;
15     int numPennies = intValue % 25 % 10 % 5;

16
17     System.out.print("The smallest amount of quarters, dimes, nickels and pennies: ");
18     System.out.print(numQuarters + " quarters, ");
19     System.out.print(numDimes + " dimes, ");
20     System.out.print(numNickels + " nickels, ");
21     System.out.print(numPennies + " pennies.");
22 }
23 public static void main(String[] args) {
24     //TODO: write a program to convert value into number of coins
25     System.out.println();
26     CoinCalculator coin = new CoinCalculator();
27     coin.coinCalculator();

```

```

"C:\Program Files\Java\jdk-15\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.2\lib\idea_rt.jar=49899:C:\Program Files\JetBrains\Ir

Enter a monetary value in dollars: $1.38
The smallest amount of quarters, dimes, nickels and pennies: 5 quarters, 1 dimes, 0 nickels, 3 pennies.
Process finished with exit code 0

```