Java S16 Class 4 HW

Write a Java Program to solve each one of the problem. Please name your project as **mentioned in each problem**. Please submit the homework to @homeworkbot with a #java-class2
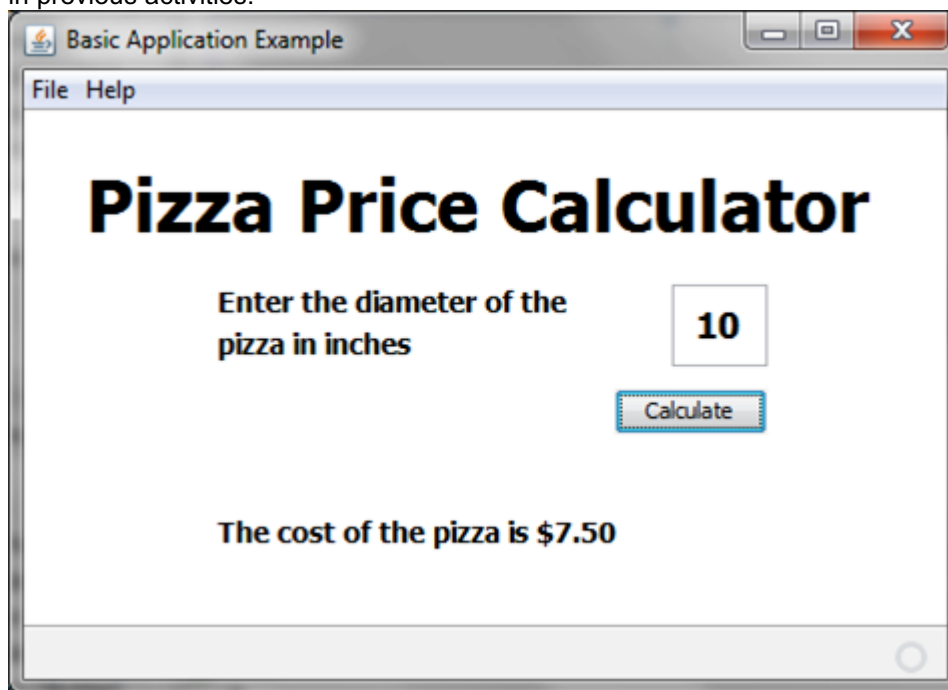
Pizza.Java

The cost of making pizza at a local shop is as follows:
- Labour cost is $1.00 per pizza, regardless of size.
- Store cost is $1.50 per pizza, regardless of size.
- Materials is $0.50 * diameter (diameter is measured in inches).

Create a Java application that prompts the user for the size of a pizza and then displays the cost of making the pizza.

The application should look similar to the image below. Notice that the output is formatted to 2 decimal places with a dollar sign in front. Remember that this can be accomplished using DecimalFormat as seen in previous activities.

Sleep.Java

| Create a Sleep Calculator application that calculates the number of hours a person has spent sleeping from the time [s]he was born until today.
To simplify the problem, assume the following:
• everyone sleeps 8 hours every night
• there are 30 days in each month
• there are 365 days in each year. | |

Sample Application Output

Basic Application Example

File   Help

Sleep Calculator

Enter Your Birthdate   Enter Today's Date

Day   [24]   Day   [15]

Month [6]   Month [12]

Year   [1991]   Year   [2008]

[Calculate]

[Exit]   You have been alive for 6376 days.

              You have slept 51008 hours.