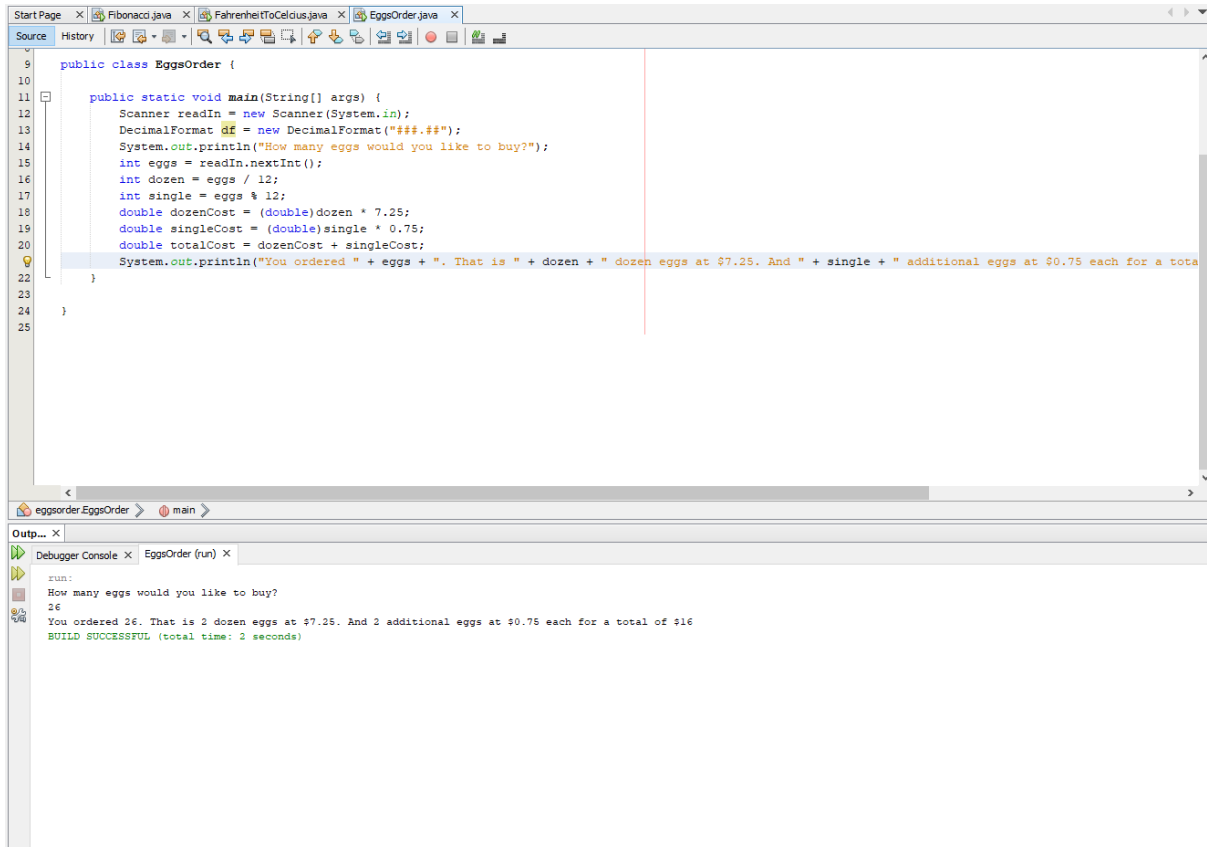


EggsOrder.java Test Table

| Input | Expected Output | Actual Output | Comment |
|-------|-----------------|---------------|-----------------------|
| 26 | \$16 | \$16 | Refer to Screenshot 1 |
| 13 | \$8 | \$8 | Refer to Screenshot 2 |
| 57 | \$35.75 | \$35.75 | Refer to Screenshot 3 |
| 129 | \$79.25 | \$79.25 | Refer to Screenshot 4 |

Screenshot 1



The screenshot displays an IDE with the `EggsOrder.java` file open. The code defines a `main` method that prompts the user for the number of eggs, calculates the total cost based on dozens and singles, and prints the result. The output window shows the program's execution for an input of 26, resulting in a total cost of \$16.00.

```
9 public class EggsOrder {
10
11     public static void main(String[] args) {
12         Scanner readIn = new Scanner(System.in);
13         DecimalFormat df = new DecimalFormat("###.##");
14         System.out.println("How many eggs would you like to buy?");
15         int eggs = readIn.nextInt();
16         int dozen = eggs / 12;
17         int single = eggs % 12;
18         double dozenCost = (double)dozen * 7.25;
19         double singleCost = (double)single * 0.75;
20         double totalCost = dozenCost + singleCost;
21         System.out.println("You ordered " + eggs + ". That is " + dozen + " dozen eggs at $7.25. And " + single + " additional eggs at $0.75 each for a total of $" + df.format(totalCost));
22     }
23 }
24
25
```

Debugger Console: EggsOrder (run)

```
run:
How many eggs would you like to buy?
26
You ordered 26. That is 2 dozen eggs at $7.25. And 2 additional eggs at $0.75 each for a total of $16.00
BUILD SUCCESSFUL (total time: 2 seconds)
```

Screenshot 2

The screenshot shows an IDE with the following components:

- Source Editor:** Displays the `EggsOrder` class with a `main` method. The code calculates the cost of eggs based on the number of dozens and single eggs ordered. The output line is highlighted in blue.
- Debugger Console:** Shows the execution of the program. The output is: `run: How many eggs would you like to buy? 13 You ordered 13. That is 1 dozen eggs at $7.25. And 1 additional eggs at $0.75 each for a total of $8 BUILD SUCCESSFUL (total time: 3 seconds)`

```
9 public class EggsOrder {
10
11     public static void main(String[] args) {
12         Scanner readIn = new Scanner(System.in);
13         DecimalFormat df = new DecimalFormat("###.##");
14         System.out.println("How many eggs would you like to buy?");
15         int eggs = readIn.nextInt();
16         int dozen = eggs / 12;
17         int single = eggs % 12;
18         double dozenCost = (double)dozen * 7.25;
19         double singleCost = (double)single * 0.75;
20         double totalCost = dozenCost + singleCost;
21         System.out.println("You ordered " + eggs + ". That is " + dozen + " dozen eggs at $7.25. And " + single + " additional eggs at $0.75 each for a total of $" + df.format(totalCost));
22     }
23 }
24
25
```

Screenshot 3

The screenshot shows the same IDE as Screenshot 2, but with a different input value. The output is: `run: How many eggs would you like to buy? 57 You ordered 57. That is 4 dozen eggs at $7.25. And 9 additional eggs at $0.75 each for a total of $35.75 BUILD SUCCESSFUL (total time: 2 seconds)`

```
9 public class EggsOrder {
10
11     public static void main(String[] args) {
12         Scanner readIn = new Scanner(System.in);
13         DecimalFormat df = new DecimalFormat("###.##");
14         System.out.println("How many eggs would you like to buy?");
15         int eggs = readIn.nextInt();
16         int dozen = eggs / 12;
17         int single = eggs % 12;
18         double dozenCost = (double)dozen * 7.25;
19         double singleCost = (double)single * 0.75;
20         double totalCost = dozenCost + singleCost;
21         System.out.println("You ordered " + eggs + ". That is " + dozen + " dozen eggs at $7.25. And " + single + " additional eggs at $0.75 each for a total of $" + df.format(totalCost));
22     }
23 }
24
25
```

Screenshot 4

