Report On Fortune Cookie Simulator

Amulya M
SVCE
1VE18CS013

OVERVIEW

- Fortune is a program that displays a pseudorandom message from a database of quotations. We tend to know the future of our Ideas before we get to experience it.

GOALS

- Help determine the future possibility.
- Help build a better community online.

SPECIFICATIONS

- We will be considering an array and fill them with multiple quotes and fortune and display a random function every single time the program is executed.

TOOLS USED

- Windows 10 operating system
- Java JDK 8
- Eclipse IDE

SOURCE CODE

//Amulya M //1VE18CS013 //5th semester //SVCE
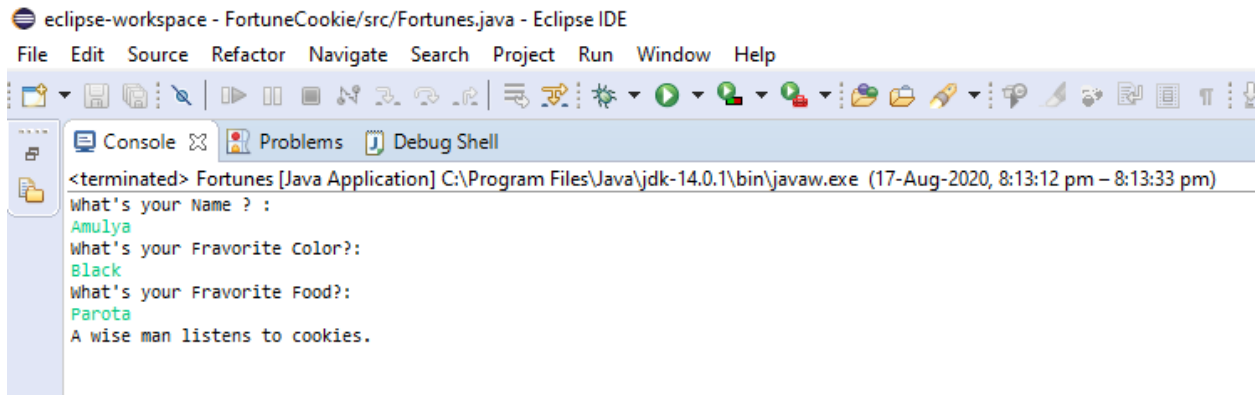
```java
import java.util.Scanner;
public class Fortunes {
        public static void main(String[] args) {
                FortuneTeller ft = new FortuneTeller();
                ft.askQuestions();
                ft.tellFortune();
        }
}
        class FortuneTeller{
                Scanner scanner = new
          Scanner(System.in);

                String[] fortunes = {
                                "The fortune you seek is in another cookie.", // Array of fortunes.
                                "A closed mouth gathers no feet.",
                                "A conclusion is simply the place where you got tired of thinking.",
                                "A wise man listens to cookies.",
                                "A fanatic is one who can't change his mind, and won't change the sub-
ject.",
                                "If you look back, you'll soon be going that way.",
                                "You will live long enough to open many fortune cookies.",
                                "An alien of some sort will be appearing to you shortly.",
                                "Do not mistake temptation for opportunity.",
                                "You will get a good GPA.",
                        "Your GPA does not mean anything!",
                        "Don't turn assignments in for points, make sure you gain the knowledge.",
                        "You will get a good co-op.",
                        "The weather will soon be nice."
                };
                int  one,two,three;

                void getname() {                                 //To calculate the number of characters
in the user's name to produce a random number.
                        System.out.println("What's your Name ? : ");
                        String name = scanner.next();
                        one = name.length();
                }
                void getcolor() {                                //The number of characters in the user's
favorite color will serve as random number.
                        System.out.println("What's your Fravorite Color?: ");
                        String color = scanner.next();
                        two = color.length();
                }
                void getfood() {                                 //The number of characters in the user's
favorite food will be the final random number.
                        System.out.println("What's your Fravorite Food?: ");
                        String food = scanner.next();
                        three = food.length();
                }
                void askQuestions() {                            // Wrapping up all the three methods
into one askQuestions() method.
                        getname();
                        getcolor();
                        getfood();
                }
                 void tellFortune() {                            // To print the user's fortune based on
their input we'll write a tellFortune() method.
                                int res = one + two + three;
                                res = res % fortunes.length;
                          System.out.println(fortunes[res]);
                         }
        }
```
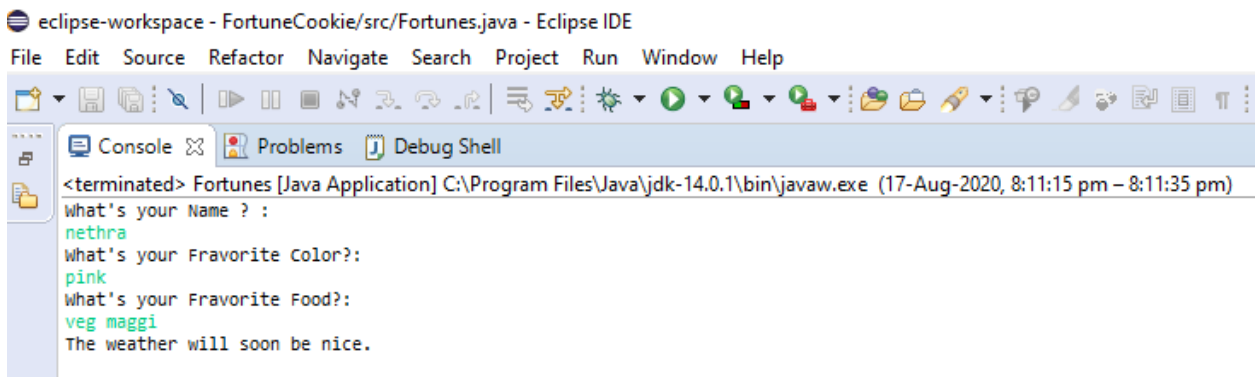
OUTPUT

eclipse-workspace - FortuneCookie/src/Fortunes.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Console ⊠   Problems   Debug Shell

<terminated> Fortunes [Java Application] C:\Program Files\Java\jdk-14.0.1\bin\javaw.exe (17-Aug-2020, 8:13:12 pm – 8:13:33 pm)

```
What's your Name ? :
Amulya
What's your Fravorite Color?:
Black
What's your Fravorite Food?:
Parota
A wise man listens to cookies.
```

eclipse-workspace - FortuneCookie/src/Fortunes.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Console ⊠   Problems   Debug Shell

<terminated> Fortunes [Java Application] C:\Program Files\Java\jdk-14.0.1\bin\javaw.exe (17-Aug-2020, 8:11:15 pm – 8:11:35 pm)

```
What's your Name ? :
nethra
What's your Fravorite Color?:
pink
What's your Fravorite Food?:
veg maggi
The weather will soon be nice.
```