

Test Driver Code:

```
GroceryProductFactory.java x GroceryStore.java x product_prices.txt x AbstractFactory.java x BananaFactory.java x Apple
1 public class GroceryStore {
2     public static void main(String[] args) {
3         // Get Abstract Factory for Banana's
4         AbstractFactory BananaFactory = GroceryProductFactory.getFactory( Apple: false);
5         GroceryProduct product1 = BananaFactory.createProduct( productName: "CAVENDISH_BANANA");
6         GroceryProduct product2 = BananaFactory.createProduct( productName: "PLANTAIN_BANANA");
7         System.out.println("Price of CAVENDISH_BANANA: " + product1.getPrice());
8         System.out.println("Price of PLANTAIN_BANANA: " + product2.getPrice());
9
10        // Get Abstract Factory for Apples
11        AbstractFactory AppleFactory = GroceryProductFactory.getFactory( Apple: true);
12        GroceryProduct product3 = AppleFactory.createProduct( productName: "GALA_APPLE");
13        GroceryProduct product4 = AppleFactory.createProduct( productName: "FUJI_APPLE");
14        System.out.println("Price of GALA_APPLE: " + product3.getPrice());
15        System.out.println("Price of FUJI_APPLE: " + product4.getPrice());
16
17    }
18 }
19 }
```

Test Driver Output:

```
GroceryStore x
C:\Users\ziaMh\AppData\Local\Programs
Price of CAVENDISH_BANANA: 0.21
Price of PLANTAIN_BANANA: 0.5
Price of GALA_APPLE: 0.2
Price of FUJI_APPLE: 0.49
Process finished with exit code 0
```