Main.java

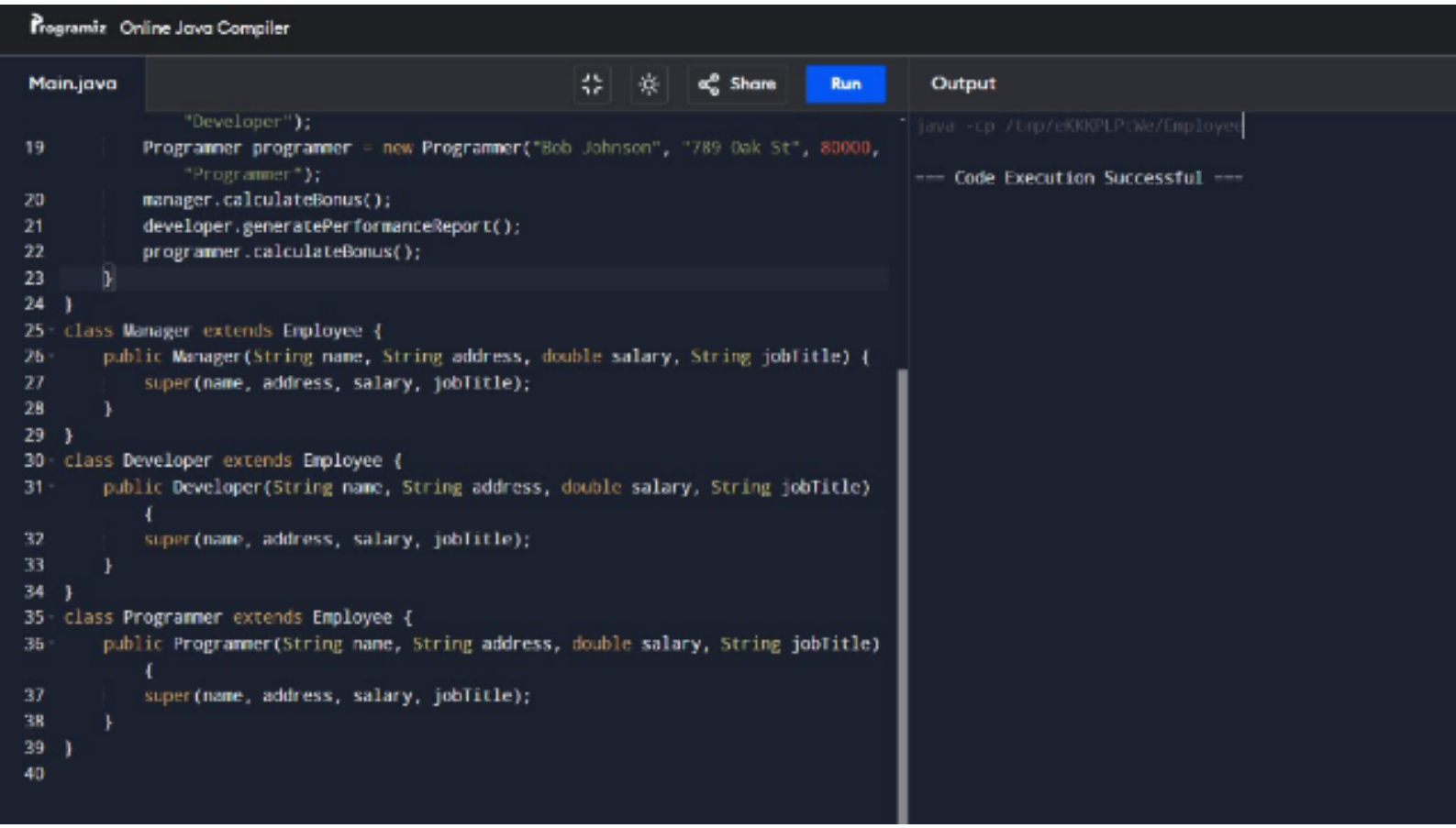
Share Run

Output

```
class Employee {
    String name;
    String address;
    double salary;
    String jobTitle;
    public Employee(String name, String address, double salary, String jobTitle) {
        this.name = name;
        this.address = address;
        this.salary = salary;
        this.jobTitle = jobTitle;
    }
    public void calculateBonus() {
    }
    public void generatePerformanceReport() {
    }
    public static void main(String[] args) {
        Manager manager = new Manager("John Doe", "123 Main St", 60000, "Manager"
            );
        Developer developer = new Developer("Alice Smith", "456 Elm St", 70000,
            "Developer");
        Programmer programmer = new Programmer("Bob Johnson", "789 Oak St", 80000,
            "Programmer");
        manager.calculateBonus();
        developer.generatePerformanceReport();
        programmer.calculateBonus();
    }
}
```

```
java -cp /tmp/eKKKPLPcWe/Employee

=== Code Execution Successful ===
```


Programiz Online Java Compiler
Main.java
Share
Run
Output
"Developer");
Programmer programmer = new Programmer("Bob Johnson", "789 Oak St", 80000,
"Programmer");
manager.calculateBonus();
developer.generatePerformanceReport();
programmer.calculateBonus();
}
}
class Manager extends Employee {
public Manager(String name, String address, double salary, String jobTitle) {
super(name, address, salary, jobTitle);
}
}
class Developer extends Employee {
public Developer(String name, String address, double salary, String jobTitle)
{
super(name, address, salary, jobTitle);
}
}
class Programmer extends Employee {
public Programmer(String name, String address, double salary, String jobTitle)
{
super(name, address, salary, jobTitle);
}
}
java -cp /tmp/eKKKPLPcWe/Employee
--- Code Execution Successful ---

Main.java

Share Run

```java
public class NumberCheck {
    public static void main(String[] args) {
        try {
            checkNumber(4);
            checkNumber(7);
        } catch (OddNumberException e) {
            System.out.println(e.getMessage());
        }
    }
    public static void checkNumber(int number) throws OddNumberException {
        if (number % 2 != 0) {
            throw new OddNumberException("The number " + number + " is odd.");
        } else {
            System.out.println("The number " + number + " is even.");
        }
    }
}
class OddNumberException extends Exception {
    public OddNumberException(String message) {
        super(message);
    }
}
```

Output

Clear

```
java -cp /tmp/pBY2sy4XdH/NumberCheck
The number 4 is even.
The number 7 is odd.

=== Code Execution Successful ===
```

Main.java

Share Run

Output

```java
import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter a string: ");
        String input = scanner.nextLine();

        if (input.matches(".*[aeiouAEIOU].*")) {
            System.out.println("The string contains vowels.");
        } else {
            System.out.println("The string does not contain vowels.");
        }
    }
}

```

```
java -cp /tmp/xmJkunpqCd/Main
Enter a string: hello
The string contains vowels.

--- Code Execution Successful ---
```