

1. Small Java Program for StringBuffer Operations (OOP)

```
class BufferOps {  
    StringBuffer buffer = new StringBuffer();  
  
    BufferOps(String str) {  
        buffer.append(str);  
    }  
  
    void operate() {  
        buffer.append(" World");  
        buffer.insert(5, ",");  
        buffer.replace(6, 11, "Java");  
        buffer.delete(5, 10);  
        buffer.reverse();  
        System.out.println("Result: " + buffer);  
    }  
}  
  
public class StringBufferSmallDemo {  
    public static void main(String[] args) {  
        new BufferOps("Hello").operate();  
    }  
}
```

2. Small Java Program for Exception Handling (OOP)

```
class InvalidAgeException extends Exception {  
    InvalidAgeException(String msg) {  
        super(msg);  
    }  
}
```

```
class Person {  
    Person(int age) throws InvalidAgeException {  
        if (age < 0 || age > 100)  
            throw new InvalidAgeException("Age must be between 0 and 100");  
        System.out.println("Valid age: " + age);  
    }  
}
```

```
public class ExceptionHandlingSmallDemo {  
    public static void main(String[] args) {  
        try {  
            new Person(25);  
            new Person(-5);  
        } catch (InvalidAgeException e) {  
            System.out.println("Error: " + e.getMessage());  
        }  
    }  
}
```