**BUG FIX PROGRAM**

**public** **class** BugFixProgram{

**public** **static** **void** fixBug1() {

**try** {

**int** result = 10 / 0;

;

} **catch** (ArithmeticException e) {

System.***out***.println("Bug 1: " + e.getMessage() + " - Division by zero is not allowed.");

}

}

**public** **static** **void** fixBug2() {

**try** {

**int**[] numbers = {1, 2, 3};

**int** value = numbers[5];

} **catch** (ArrayIndexOutOfBoundsException e) {

System.***out***.println("Bug 2: " + e.getMessage() + " - Index out of range.");

}

}

**public** **static** **void** fixBug3() {

**int** originalValue = 5;

**int** correctedValue = originalValue;

System.***out***.println("Bug 3: Corrected value is " + correctedValue);

}

**public** **static** **void** main(String[] args) {

*fixBug1*();

*fixBug2*();

*fixBug3*();

}

}