# SENG3320 Assignment 2: Automated Test Data Generation

|  |  |
| --- | --- |
| **Group 10** | |
| Kyle Beattie | C3303374 |
| Ni Zeng | C3238805 |
| Brandon Allen | C3279505 |
| Austin Baxter | C3356468 |

**Table of Contents**

[SENG3320 Assignment 2: Automated Test Data Generation 1](#_Toc103869436)

[1. Question 1: Fuzz Testing 2](#_Toc103869437)

[1.1. Test Tool Design 2](#_Toc103869438)

[1.2. Test Environment 2](#_Toc103869439)

[1.3. Test Cases 2](#_Toc103869440)

[1.4. Summary 2](#_Toc103869441)

[2. Question 2: Automated Testing Techniques 2](#_Toc103869442)

[2.1. Symbolic Execution 2](#_Toc103869443)

[2.2. Fuzz Testing 2](#_Toc103869444)

[2.3. Mutation Testing 2](#_Toc103869445)

[2.4. Comparison 2](#_Toc103869446)

## Question 1: Fuzz Testing

### Test Tool Design

### Test Environment

### Test Cases

### Summary

## Question 2: Automated Testing Techniques

### Symbolic Execution

### Fuzz Testing

### Mutation Testing

### Comparison