

Question 4:

Use boundary analysis and equivalence class testing techniques to create test inputs for testing an application that takes any integer between 100 and 1000 as input

I begin by finding the equivalence classes for this problem:

- Class 1: Less than 100
- Class 2: between 100 and 1000
- Class 3: Greater than 1000

I perform boundary value analysis on these equivalence classes and note the boundaries for my test cases.

- Test case 1: Input 0 - Member of Class 1
- Test case 2: Input 9 - Member of Class 1 and adjacent to boundary value
- Test case 3: Input 10 - boundary value
- Test case 4: Input 11 - Member of Class 2 and adjacent to boundary value
- Test case 5: Input 500 - Member of Class 2
- Test case 6: Input 999 - Member of Class 2 and adjacent to boundary value
- Test case 7: Input 1000 - boundary value
- Test case 8: Input 1001 - Member of Class 3 and adjacent to boundary value
- Test case 9: Input 2000 - Member of Class 3