

SEN 3305 Software Quality Assurance

Assignment 2

Answer All Questions

1. A simple calculator app has an Add function that takes two integers and returns their sum.

1. Write **two** test cases (Test Case ID, Input, Expected Output) to verify the Add function. (4 marks)
2. Explain briefly how you would record the results after running these tests. (3 marks)

2. Consider the Requirement given below

“The password field must accept only 6-digit numeric PINs.”

1. Choose a **test design technique**. Name it. (1 mark)
2. Using your chosen technique, list **three** test inputs. (3 marks)
3. Explain why your technique is suitable for this requirement. (3 marks)

3. You have to automate a login test where the valid username is `user1` and password is `pass123`.

1. Outline the **three** steps you would script in a test automation tool. (3 marks)
2. Describe how you would verify the login was successful in your script. (3 marks)