Student name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Seminar group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Complete Table below:

Specify all functions you have worked on in Tasks A and B in the sub-brief and complete the table below. Complete the table below for each function by filling the cells of the table. Add as many rows as necessary to include all the functions you have contributed to. An example is provided below for your guidance.

*Code Example:*

*def add\_numbers(a, b):*

*return a + b*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Function name** | **What is the function input/output?** | **Explain the logic of the function.** | **How did you test it?** | **What are the challenges of this function?** |
| add\_numbers | Inputs: a, b (2 real numbers)  Output: a+b (1 real number) | Adds two numbers and return the sum of them | Tests (positive, negative, mixed signs).  (4, 3) 🡪 7;  (-4, 1) 🡪 -3;  (-1,-2) 🡪 -3. | This function raised error when (a,b) are strings or complex numbers. Etc. |
| calculator | Inputs: num1, num2 (integers)  Operator (string)  Output: answer of calculation (integer) | Works as a calculator | Tests (negative numbers, real numbers) Invalid operator / symbols. | Zero errors when diving by zero. Used try and except functions. |
|  |  |  |  |  |

1. Provide below screenshots to your GitHub repository and to your committed messages showing your progress properly.

*-------------- Provide all screenshots properly showing your progress in GitHub here --------------*

1. Provide your GitHub link below:

-----------------------*Your GitHub link*--------------------------------------

1. List all references, including AI-generated tools, if applicable. If you used AI-generated tools, specify the name of the tool, provide screenshots/texts of the input/output, and explain how it was used in your project submission.

**References:**

**[1].**

**[2].**

**[3].**

**Referencing Usage of AI-generated tools:**

|  |  |  |  |
| --- | --- | --- | --- |
| AI-generated tool | Input | Output | How is it used? |
|  |  |  |  |
|  |  |  |  |