SECTION C
Weekly Journal

Instruction to Student:

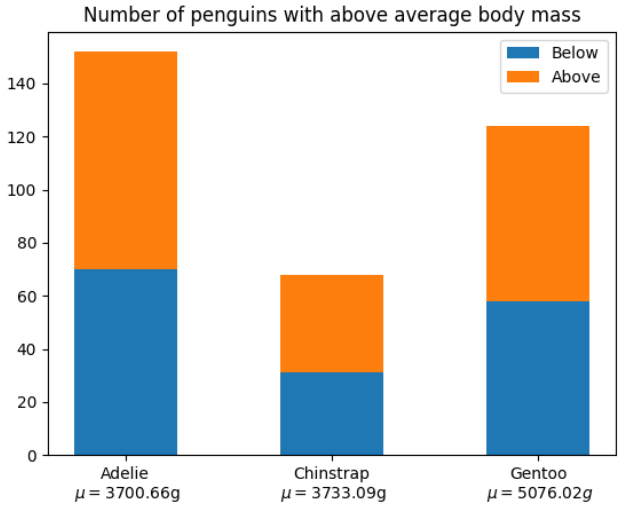
1. On a daily basis, record the specific task that you carried out for that day.
2. At the end of every week, describe one task in more details with diagrams or photos attached.

Week : 10 Date from: 13/5/24 to 17/4/2024

Department/Section Attached: Assembly Metrology

Day	Tasks Record
Monday	• Uploaded the code onto a virtual machine for testing. • Worked perfectly but connection is not secure and limited. • Fixed some bugs in the code. • Created .bat file for code to run without IDE, (Anaconda or Python required) • Simplified booting up process – reduce complexity.
Tuesday	• Removed code from VM due to inability of multiple user login. • Discussion with SMAI on dashboard connection with network • Download button of powerpoint slides for users to understand how to use dashboard.
Wednesday	• Helped other interns with their projects and codes. • Studied Streamlit User Login and Pages Classification • Attended a talk on retirement and CPF by Institute for Financial Literacy
Thursday	• Went down to Cleanroom to learn about the post Wire Bond Defect Analysis • Began studying excel manipulation, graphs, and mapping with python. • Studied wire bond process, its defects and IVY Machinery
Friday	• Began ideating dashboard designs for IVY RDA • Learn data appending, SQL and matplotlib libraries. • Discussion with supervisor on project

Describe one task in more details with diagrams or photos attached.
Explain the importance/relevance of this task to the company.



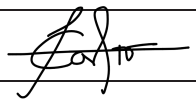
I studied how to utilize the features offered by matplotlib to create more interactive and information dense graphs. This stacked bar graph will help represent defect count, separated by defect type for each lot. This would help engineers find out which lots have higher defect count and the type of defect, hence able to quickly rectify the issue. Currently, a server or network would be required to pull data efficiently and streamlit has limited functionality and interactivity. However, python still required for calculations and data modifications. Next week, a meeting with the vendor would help figure out how to pull csv data from IVY and how to integrate efficiently.

Assessment on Student

Grading Scheme :

A (Excellent)	-	Consistently exhibit qualities beyond expectation and norms.
B+ (Very Good)	-	Exhibit qualities above expectation and the norms.
B (Good)	-	Exhibit qualities which are considered necessary to produce good quality work.
C+ (Good Credit)	-	Exhibit good qualities which are the norm.
C (Credit)	-	Exhibit acceptable qualities which are the norm.
D (Pass)	-	Exhibit qualities which varies between the norm and unacceptable standard.
F (Fail)	-	Exhibit qualities which are not acceptable and are hindrances to operations.

Conduct:	Average	Attendance: Average	* Regular / Average / Poor
Performance :	Satisfactory	Punctuality: Satisfactory	* Satisfactory / Unsatisfactory
Remarks :			

Name of Supervisor：	Click or tap here to enter text.	Signature：	
*Delete whichever is not applicable		Date：	