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Faculty of Science and Engineering

School of Computing and Information Science

**Module Code: MOD003212**

**Module Title: Introduction to Programming**

**Element 010-2**

**Lab Logbook**

**SID NUMBER: 2276245**

Trimester 1 – 2023

Submission deadline: 26/04/2024

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Logbook activity 1:

1. My Engagement with the Pluralsight platform, including my Pluralsight C exam (test) results.

Logbook activity 2:

1. A short essay reflecting my own programming skills as they stand at the end of this module.

Logbook activity 3:

1. a plan of your personal development (soft and hard skills) over the next 2 years that will serve as a path to success as you will be approaching the end of your studies.

**Logbook activity 1:**

**Engagement with Pluralsight**

The Pluralsight website was very helpful in my journey of studying C Language and videos available on the Pluralsight helped me keep focused on my work. By attending quiz that was provided to me by Pluralsight was very helpful for completing my assignment. Their features like assessments, skill IQ measurement was very helpful in noticing my improvement in C Language. I got a skill IQ Score of 134 on my test and I only done incorrect answers few times. Most of my answers were correct and helped me again to get a better understanding of the module.

On my C Development Fundamentals test on Pluralsight, I found that my skill progress has been increased thus allowing me for getting a better score this time. I came to know that in my strength in Demonstrate opening a file and the different manipulation options has shown useful. My grasp in Introduction and demonstration in the use of Storage Classes in C also showed noteworthy. Also in creating a console application to demonstrate input / output I have gone better.

**Logbook activity 2 :**

**My own programming skill at the end of this Module**

As I reach the conclusion of this module, I've had the opportunity to critically assess my programming skills. Looking back at where I started, I see significant growth in my understanding of fundamental programming concepts and my ability to apply them in practical scenarios. My proficiency in languages such as C and Python has notably improved. I am more comfortable with data structures, algorithms, and debugging techniques, which previously seemed daunting.

However, I recognize areas that require further improvement. My experience with complex data handling and software architecture is still at a nascent stage. Additionally, I find myself occasionally struggling with optimizing code for efficiency and scalability.

**Logbook activity 3:**

**My Plan for personal development for coming years.**

As I approach the end of my academic journey, the importance of personal development becomes very important. Recognizing the nature of the professional nature of the sector, I have some ideas on how to implement them on to my life.

In coming two years, my personal development plan will be focused on a holistic approach to my skill enhancement. Like Deepening my technical skills, developing projects from each semester that is related to my modules, specialization and increasing expertise on A.I., Securing an internship or a part time position in a tech company to gain practical experience.

The path I have outlined for myself is ambitious but achievable. By adhering to this plan, I believe I can successfully transition from an academic setting to a professional movement.