



**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
**2<sup>nd</sup> Term, A.Y. 2024-2025**

**My Portfolio for the Subject**  
**Information Assurance and Security**

**SUBMITTED BY: GODFREY F. JAVIER | 3D**  
**PRESENTED TO: JOSHUA C. REYES**



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025



TABLE OF CONTENTS

Title Page	1
Table of Contents	2
<b>QUIZZES</b>	
Quiz 1	3
Quiz 2	4
Quiz 3	5
Quiz 4	6
Quiz 5	7
Quiz 6	8
<b>LEARNING ACTIVITIES</b>	
Learning Activity # 1 - Planning for Security	9
Learning Activity 3: Introduction to Information Security, Part 2	10
Learning Activity 5: legal, Ethical, and Professional Issues in Information Technology	11
Learning Activity # 1: Introduction to Firewall	12
<b>LABORATORY</b>	
Laboratory Activity 1 - The Y2K Bug	13
<b>HOMEWORK</b>	
Homework # 1 - Cryptography	14
<b>SEATWORK</b>	
Seat Work 1: Introduction to Information Security, Part 2	15
Midterm Examination	16
Reflection	17
Learning Experience	17
Conclusion	17





STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

QUIZ NO. 1

IAS101

26

01-02-24 3D

Godfrey F. Javier

Quiz #1

Introduction to Security

1.) Information Security	13.) Y2k Problem / Millenium Bug
2.) CIA x	14.) Physical Security
3.) World War II	15.) Larry Roberts
4.) ARPANET	16.) 1930s
5.) Ransomware	17.) 1960s
6.) RAND Report R-609	18.) 1970s and 80s
7.) Denial of Service Attack	19.) 1970s and 80s
8.) Firewalls	20.) 1990s
9.) Worm	21.) 1990s x
10.) Phishing and Social Engineering	22.) 1990s
11.) Accidental Vulnerabilities	23.) 1990s
12.) Multics	24.) 1990s x
13.) →	25.) 1990s x

Scanned with CamScanner

26. False
27. False
28. True
29. True
30. False

Scanned with CamScanner



STUDENT PORTFOLIO  
IAS 101 – Information Assurance and Security  
2<sup>nd</sup> Term, A.Y. 2024-2025

QUIZ NO. 2

NO. Quiz #2  
DATE \_\_\_\_\_ 3D

Godfrey F. Javier

1. ~~Software~~  
2. ~~Procedure~~  
3. ~~McLumber Cube~~  
4. ~~Top-down~~  
5. ~~Confidentiality~~  
6. ~~Confidentiality~~  
7. ~~Timeliness~~  
8. ~~Availability~~  
9. ~~Confidentiality~~  
10. ~~Data~~  
11. ~~Chief Information Security Officer~~  
12. ~~Champion~~  
13. ~~Data Custodian~~

Corrected by:  
Kang

Scanned with  
CamScanner

Da O C End Use

28. ~~Data Owner~~  
29. ~~Data Custodian~~  
30. ~~Data User~~

change change  
Component of  
Info sys

24. ~~Data~~  
25. ~~People~~  
26. ~~Procedure~~  
27. ~~Network~~







**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
2<sup>nd</sup> Term, A.Y. 2024-2025

**QUIZ NO. 3**

NO. Quiz #3  
DATE \_\_\_\_\_

Godfrey F. Javier IAS1013D

1. ~~Community of Interest~~
2. ~~Expert hacker~~
3. ~~Cracker~~
4. ~~Worm~~
5. ~~Trojan Program~~
6. ~~Virus~~
7. ~~Antivirus Software~~
8. ~~Information Extortion~~
9. ~~Script kiddies~~
10. ~~Web defacing~~
11. ~~Terminal~~
12. ~~Forces of nature~~
13. ~~Intellectual Property~~

29 / 30

Scanned with CamScanner

~~of service~~

to function

organization collect and uses

information on organization assets

IT system

24 Information Extortion  
27 Phreaker  
28 Cracker





STUDENT PORTFOLIO  
IAS 101 – Information Assurance and Security  
2<sup>nd</sup> Term, A.Y. 2024-2025

QUIZ NO. 4

7/10

NO. \_\_\_\_\_  
DATE April 2, 2025

Godfrey F. Javier

1. Policy

2. ~~De jure standard~~ De facto standard

3. Strategic Plan

4. ~~Systems - Specific Policy~~ De jure standard

5. Systems - Specific Policy

6. Security Blueprint

7. ~~Document~~ Configuration Management

8. Issue specific Security Policy

9. ~~Security & Exchange Commission~~

10. Standards

corrected by:

APRIL

Scanned with  
CamScanner



**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
2<sup>nd</sup> Term, A.Y. 2024-2025

**QUIZ NO. 5**

11

NO. Quiz # 5  
DATE 04/21/25

Godfrey F. Janiev

1. ~~Blueprint for Information Security System~~ Hybrid Framework
2. ~~Blueprint for Information Security System~~
3. ~~Defenses in Depth~~
4. ~~Security Perimeter~~
5. ~~DMZ - Demilitarized Zone~~
6. ~~X~~
7. ~~Network Based~~
8. ~~SETA - Security Education, Training and Awareness~~
9. ~~X~~
10. ~~X~~
11. ~~Disaster Recovery Plan Contingency Plan~~
12. ~~Shadowing~~
13. ~~Journaling~~

Scanned with  
CamScanner





**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
2<sup>nd</sup> Term, A.Y. 2024-2025

**QUIZ NO. 6**

24

NO. Quiz #6  
DATE 05/14/25

Godfrey F. Janier

1. Firewall
2. Host based firewall
3. Network Firewall
4. Distributed Firewall
5. Perimeter Firewall
6. ~~Stateful Firewall~~ Virtual Firewall
7. Packet Filtering Firewall
8. Circuit Level Gateway
9. Web application Firewall
10. Managed Service Firewall
11. Network Address Translation
12. Container Firewall
13. Cloud Firewall

Scanned with  
CamScanner

ed Firewall  
Firewall  
evation Firewall

fire wall

itch true

27. Managed Service Firewall

Scanned with  
CamScanner






STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Learning Activity 1: Planning for Security



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Name: Godfrey F. Javier

Year & Section: 3 D

Activity: 1

Subject: IAS

Cite at least five IT-related companies in the Philippines and identify their top cybersecurity concern.

A.) Give cybersecurity concerns and state how the company will deal with them

- 1.) Accenture Philippines – Phishing and Social Engineering
- Conduct regular cybersecurity awareness training for employees.
  - Use AI-powered email filters to detect suspicious messages.
  - Enable Multi-Factor Authentication (MFA) for all internal systems.
- 2.) Globe Telecom – Ransomware Attacks
- Maintain secure, encrypted, and frequent backups stored offsite.
  - Use endpoint detection and response (EDR) tools.
  - Isolate infected systems immediately and follow a strict incident response protocol.
- 3.) Trend Micro Philippines – Malware and Zero-Day Exploits
- Invest in threat intelligence and early detection systems.
  - Patch and update all software promptly.
  - Conduct penetration testing and vulnerability assessments.
- 4.) ePLDT – Cloud Infrastructure Vulnerabilities
- Use hardened configurations and conduct cloud security audits.
  - Implement role-based access controls (RBAC).
  - Use encryption for both data at rest and in transit.
- 5.) Pointwest Technologies Corporation – Insider Threats
- Limit access to sensitive data using the principle of least privilege.
  - Monitor user activity with logging and alerting tools.
  - Enforce non-disclosure agreements and conduct background checks.

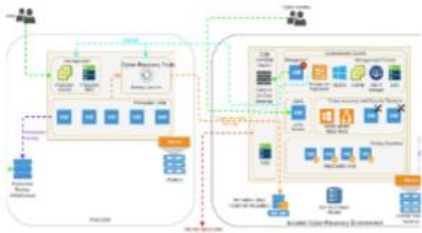
B.) Cite three policy violations with the corresponding consequences

Policy Violation	Severity
Unauthorized Access to Data	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
Sharing Login Credentials	1 <sup>st</sup>
	2 <sup>nd</sup>
	3 <sup>rd</sup>
Installing Unauthorized Software	1 <sup>st</sup>

IAS

IAS

- Cyber recovery solution
- Isolated recovery environment solution architecture. The isolated recovery environment solution architecture uses a VMware vCenter Server® instance with the Veeam® service, gateway cluster and choices in air gap gateway options. A complete cloud solution with software licensing, virtual air gap and immutable storage, all in an easy-to-deploy automated solution.



Source: IBM Disaster Recovery Solution

- IBM's disaster recovery (DR) strategy is a comprehensive, proactive approach designed to ensure business continuity and data protection across various types of disasters, including natural events, system failures, and cyberattacks. By leveraging advanced technologies like immutable backups, AI-powered threat detection, and cloud-based recovery, IBM ensures rapid recovery with minimal downtime and data loss. Their solutions include automated failover systems, ransomware protection, and cyber resilience, enabling businesses to quickly resume operations.



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Learning Activity 3: Introduction to

Information Security, Part 2

STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2nd Term, A.Y. 2024-2025

Name: Godfrey F. Javier

Year & Section: 3 D

Activity: 3

Subject: IAS

1.) What security characteristics failed? (Confidentiality, Integrity, Availability)

**Confidentiality** – Failed because victim’s files were encrypted and held for ransom.

**Integrity** – Failed since the malware modified data by encrypting files, preventing legitimate access.

**Availability** – Failed because system files were encrypted. Many computers crashed and requires format.

2.) At which data state did the attack happen? (Storage, Processing, Transmission)

**Storage** – All files in this attack were infected and encrypted.

**Processing** – The systems of the victims were accessed and modified that is used to spread the malware further.

**Transmission** - The malware spread via the SMB (Server Message Block) protocol, affecting networked systems.

3.) What security controls were missing? (Policy, Education, Technology)

**Policy** - Organizations lacked strict patch management policies, leaving outdated systems vulnerable.

**Education** - Many users were unaware of cybersecurity best practices, such as not opening suspicious attachments or updating systems.

**Technology** - Systems were running outdated Windows versions without security patches.

4.) What could have prevented the attack?

- Based on my research, this should had been prevented if systems were updated specifically updating the OS with MS17010 security patch. Additionally, systems with heavy data can prevent their loss if they practice regular backing up of data.

Fundamentals of Networking 1

1 | Page



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Learning Activity 5: legal, Ethical,  
and Professional Issues in



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Name: Godfrey F. JavierYear & Section: 3 D

Activity: 5Subject: IAS

**Case Study:** A software engineer working for a tech company discovers that the company has secretly collected user data without explicit consent. The data includes browsing history, location and personal messages. The engineer is concerned about the ethical and legal implications and considers exposing the company’s actions.

**Guided Questions:**

1. What ethical concerns are present in the scenario?
- First ethical concern present in the scenario is the violation in data privacy since the company is collecting data without permission from them. Second, is the potential to harm users because personal data could lead to identity theft, financial loss, or privacy violations. Lastly, company is being dishonest to their users with their actions.
2. Which laws (Cybercrime Prevention Act, Data Privacy Act, etc.) may be violated?
- **The Cybercrime Prevention Act of 2012:** personal messages that is accessed without consent, qualifies as illegal interception.

- **The Electronic Commerce Act of 2000:** prohibits persons who obtain access to any electronic key, document, or information from sharing them.

- **The Data Privacy Act of 2012:** penalizes unauthorized access or intentional breach.
3. What role do due care and due diligence play in this situation?
- **Due Care:** Company has responsibility to ensure that the employees understand what is acceptable and unacceptable regarding data collection. Proper training and guidelines should be place in order to prevent unethical activities. Unfortunately, the company failed to implement right measures to obtain user consent and protect their information

- **Due Diligence:** Company should have made sustained efforts to protect users’ information by implementing strict security measures and obtaining user consent. But the company neglected its duty to safeguard users’ rights.
4. How might jurisdiction affect the legal consequences if this happened in another country?
- **The General Data Protection Regulation** (European Union): strict penalties for unauthorized data collection. Company would face heavy fines (€ 20 million)

- **The Personal Information Protection Law** (China): could result in fines and business restrictions.

- **California Consumer Privacy Act** (California): impose fines up to \$7,500 per intentional violations and \$2,500 per unintentional violations.






STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Learning Activity # 1: Introduction

to Firewall



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Name: Godfrey F. Javier

Year & Section: 3D

Activity: 1

Subject: IAS101

Topic: Introduction to Firewall

1. Define what a firewall is and explain its two main functions in a network.
- A firewall is a network security device or software that acts as a barrier between a trusted internal network and an untrusted external network. Its two main functions are to filter incoming and outgoing traffic based on predefined security rules, and to prevent unauthorized access from the network.
2. Differentiate between a Packet-Filtering Firewall and a Stateful Inspection Firewall. Provide one advantage of a stateful firewall over a packet filtering firewall.
- A packet-filtering firewall operates at the network layer and checks each data packet individually based on predefined rules. It checks the details like source and destination IP addresses, ports, and protocols to decide whether to allow or block the traffic. On the other hand, a stateful inspection firewall keeps track of active connections and it analyzes the state of the traffic over time. It works at transport and network layer and can understand the whole context of a connection, not just individual packets. One advantage of a stateful firewall is that it offers better security by monitoring the entire connection rather than just individual packets. This detects suspicious patterns and make smarter decisions about what to allow or block.
3. Imagine you are setting up a firewall for a large enterprise. You want to protect internal confidential data, segment internal departments, and detect advanced threats like malware hidden in web traffic. Which type(s) of firewall would you deploy? Explain your choices in 2-3 sentences.
- I will deploy Next Generation Firewall along with internal firewall. NGFW allows deep inspection and malware detection hidden in web traffic. Additionally, internal firewall is good for detecting activities inside the same network, ensuring that all activities will be checked for better security against malicious intent from the employees.
4. In your own words, explain how NAT enhances security for a private network. Give a specific example where NAT would be beneficial.
- Network Address Translation enhances the security of the network by hiding the internal IP address of devices instead of exposing each device's real IP. NAT translate the device IP into a single public IP when accessing the internet. One example benefit of NAT is that it keeps the internal IP address private. With that, it reduces the chance of getting attacked by hackers.
5. You are hired as a network security consultant for a university. The university needs to:
- Allow students to browse the internet freely

• Protect the university's internal databases

• Block harmful or inappropriate websites.

Questions:

a) What firewall configurations and placements would you recommend?

al Firewall to strengthen  
work perimeter to inspect  
vall will monitor and  
niversity's internal  
all to block harmful or



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Laboratory Activity 1 - The Y2K Bug



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Name: Godfrey F. Javier      Year & Section: 3D

Activity: 1      Subject: IAS

Millennium Bug

A computer flaw, the so-called "Millennium Bug," led to anxiety and the Y2K (Year 2000) scare. When complex computer programs were first written in the 1960s, engineers used a two-digit code for the year, leaving out the "19." As the year 2000 approached, many believed that the systems would not interpret the "00" correctly, therefore causing a major glitch in the system. (NatGeo)

Sample Scenario:

```
Imagine the date today is December 30, 1999. After 2 days, the year will be 2000.  
Current Year: 1999 (Converted to 4 digits)  
Year after 2 days: 1900 (Converted to 4 digits) (THIS IS THE BUG)  
  
The problem is that data that was derived from the date will probably give error.  
  
Person's year of birth is 40 (1940)  
This is the age of person in current year: 59  
This will be the age of the person next year: -40 (Wrong)
```

Why did this happen?

- Based on my research, computer engineers back then used only the ones and tens digits of the year because data storage in computers was costly and took up a lot of space.

My solution

- The possible solution for this is to update all systems, allowing the computer's year to handle four-digit numbers and always foresee potential problems in the future.

```
SOLUTION: Updating dates of the system making the year 4 digits.  
Person's year of birth is 1940  
This is the age of person in current year: 59  
This will be the age of the person next year: 60  
Y2K Bug SOLVED!
```

Source code written in dart:





STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Homework # 1 - Cryptography



STUDENT PORTFOLIO

IAS 101 – Information Assurance and Security

2<sup>nd</sup> Term, A.Y. 2024-2025

Name: Javier, GodfreyYear & Section: 3D

Activity: 1Subject: IAS101

Topic: Cryptography

1. Choose one of the following cryptographic algorithms:
- SHA-1 (Secure Hash Algorithm 1)
  - MD5 (Message Digest 5)
  - DES (Data Encryption Standard)
2. Find a sample code written in either Java or Python that demonstrates the use of your chosen algorithm. You may:
- Search for open-source code on GitHub, tutorial sites, or documentation.
  - Write your own simple implementation (optional for bonus points).
3. Copy the code into your document or attach it as a separate file. Be sure to:
- Add brief comments to explain each step of the code (either your own or the one you found).
  - Highlight which part is performing encryption, decryption, or hashing.
4. Answer the following questions below the code:
- a) What does this code do?

b) What inputs are required and what outputs does it produce?

c) Why is this algorithm considered important in cryptography?

d) Are there any security concerns or limitations with this algorithm?
5. Cite your sources if you used any website, book, or article.

DATA ENCRYPTION STANDARD (Implemented by Godfrey)

```
public class IAS {  
  
    public static void main(String[] args) throws Exception {  
        Scanner s = new Scanner(System.in);  
        //key must be 16 in order to use the DES algorithm  
        String key = "1234567890123456";  
  
        System.out.println("Enter a word to encrypt:");  
        String word = s.nextLine();  
        // Generate a DES key  
        KeyGenerator keygen = KeyGenerator.getInstance("DES");  
        SecretKey secretKey = keygen.generateKey();  
  
        System.out.println("The encrypted word is: " + enc(key, word, secretKey));  
        dec(key, word, secretKey, secretKey);  
    }  
  
    // Encrypts the word using the  
    public static String enc(String key, String word, SecretKey secretKey) throws Exception {  
        // Create cipher instance and initialize for encryption  
        Cipher cipher = Cipher.getInstance("DES/ECB/NoPadding");  
        cipher.init(Cipher.ENCRYPT_MODE, secretKey);  
  
        // Encrypt the text  
        byte[] encryptedBytes = cipher.doFinal(word.getBytes());  
        String encryptedText = Base64.getEncoder().encodeToString(encryptedBytes);  
        return encryptedText;  
    }  
  
    // Decrypts the word using the  
    public static void dec(String key, String word, SecretKey secretKey, String encryptedText) throws Exception {  
        // Initialize the cipher for decryption  
        Cipher cipher = Cipher.getInstance("DES/ECB/NoPadding");  
        cipher.init(Cipher.DECRYPT_MODE, secretKey);  
  
        // Decrypt the text  
        byte[] decryptedBytes = cipher.doFinal(Base64.getDecoder().decode(encryptedText));  
        String decryptedText = new String(decryptedBytes);  
        System.out.println("Decrypted text: " + decryptedText);  
    }  
}
```





**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
**2<sup>nd</sup> Term, A.Y. 2024-2025**

**Seat Work 1: Introduction to  
Information Security, Part 2**

Godfrey F. Javier

Seat Work 1 3D

- 1.) How should companies balance security and accessibility
- 2.) What is the biggest cybersecurity threat today?
- 3.) How does AI help or harm cybersecurity?
- 4.) Why is human error the most common cause of security breaches?
- 5.) What are the ethical concerns w/ government surveillance and cybersecurity laws?

1.) Companies can balance security and accessibility through creating a separate copy of information before deploying it and hide the sensitive data. This can be achieve through data filtering, testing and re-reading data that will be

2.) Based on what I know, the Mod Philhealth (Ransomware). They are sensitive info of all individual

3.) Based on my opinion, AI can AI saves inputs coming from leaks if breached. And also, it changed the prompts in AI model removing the filtration of prompts systems that uses the AI model by testing the system and check

4. Human error causes the most normal people doesn't know that s credentials such as online bank acc even trained people can also be t Unlike machines that has specific makes mistake.

5.) People faces can be breached because data were saved in cloud w/o people knowing it, that is why one of people's concern is that their privacy is exposed to the higher government security



STUDENT PORTFOLIO  
IAS 101 – Information Assurance and Security  
2<sup>nd</sup> Term, A.Y. 2024-2025

Midterm Examination

Republic of the Philippines  
PANGASINAN STATE UNIVERSITY  
Midterm Examination  
2<sup>nd</sup> Semester, SY 2024-2025

Name: Godfrey F. Javier Section: SD Date: 15/10/25 Score: \_\_\_\_\_

IAS101

**GENERAL INSTRUCTIONS:**

- Write the letter of the best answer before each number.
- Talking with your classmates during the exams is strictly prohibited. If there are any questions, ask the exam proctor to approach and address your concerns.
- Use Capital Letters Only. –
- No Erasures –

17 I. Multiple Choice: Write the letter of the best answer before each number.

1. Which of the following is NOT one of the three core components of the CIA triad in information security?

a) Confidentiality  
b) Integrity  
c) Authentication  
d) Availability

2. The term "information security" refers to:

1) Physical protection of devices only  
2) Restriction of internet use  
3) Measures to protect data and systems from unauthorized access or damage  
4) Techniques for faster internet

3. In the context of information systems, which component is often considered the "weakest link"?

a) Hardware  
b) Software  
c) People  
d) Data

4. Which life cycle phase involves creating security blueprints and planning incident responses?

a) Investigation  
b) Analysis  
c) Logical Design  
d) Implementation

5. What is the key challenge of balancing security and access in an organization?

a) Cost of software  
b) Managing physical space  
c) Ensuring access while protecting against threats  
d) Hiring more IT personnel

6. Which of the following is considered a deliberate software attack?

a) Accidental file deletion  
b) Worm  
c) Power failure  
d) Outdated hardware

7. A Trojan horse:

a) Replicates itself automatically  
b) Attaches itself to a host file  
c) Disguises as legitimate software  
d) Sends spam emails

8. Which attack floods a system with requests to disrupt service?

a) Virus  
b) Spoofing  
c) Social engineering  
d) Denial-of-Service (DoS)

9. The term "social engineering" in information security means:

a) Writing secure software  
b) Manipulating people to gain unauthorized access  
c) Improving network speed  
d) Setting security policies

FALSE 20. Ethics and laws always have the same consequences when violated.

Scanned with CamScanner

Scanned with CamScanner

Scanned with CamScanner



**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
2<sup>nd</sup> Term, A.Y. 2024-2025

**Reflection**

This course was both eye-opening and exciting. It introduced me to the deeper world of cybersecurity and made me realize just how important online safety is. I became genuinely curious especially about hacking and found it fascinating how complex and impressive it can be. But sometimes, the course is challenging because of weekly quizzes, the quizzes are hard and challenging especially of new terminologies I encountered.

**Learning Experience**

Throughout the course, I learned a lot about how cybersecurity works in real-world settings. I now understand the different layers of security that companies use to protect their systems, and the role of firewalls, how they work and the types that exist. I also found the history of cybersecurity really interesting, seeing how it has evolved over time. Concepts like NAT and the various threats to data safety gave me a clearer picture of the challenges in keeping information secure. Overall, the course gave me a solid foundation and a better appreciation of how critical cybersecurity is today.





**STUDENT PORTFOLIO**  
**IAS 101 – Information Assurance and Security**  
2<sup>nd</sup> Term, A.Y. 2024-2025

**Conclusion**

This course helped me learn a lot about cybersecurity and made me really interested in the topic. Even though some parts were difficult, like the quizzes and new terms, I still gained useful knowledge. Most importantly, I now understand how important it is to protect ourselves online and that cybersecurity is something everyone should know about, not just experts