# National Textile University

## Department of Computer Science

Subject:

**Operating System**

Submitted to:

**Sir Nasir**

Submitted by:

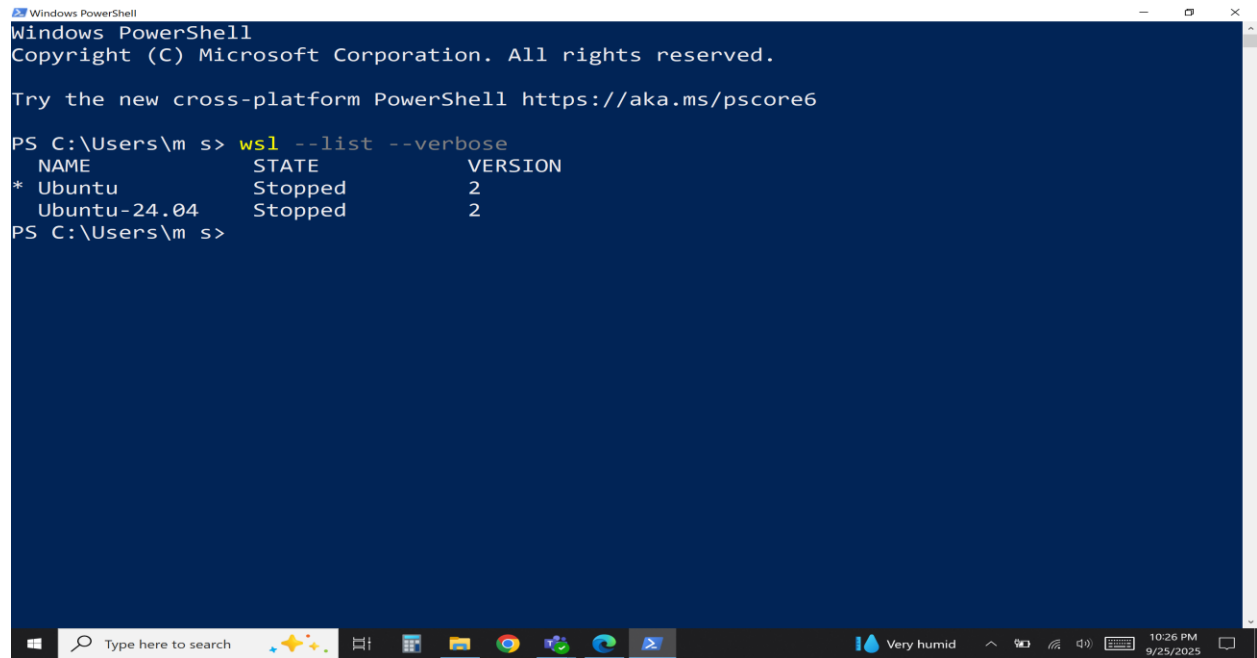**Esha Mubashir Khan**

Reg number:

**23-NTU-CS-1151**

Lab no: **1**

Semester: **5ᵗʰ**

# PART A:

1. Verify WSL2 & Ubuntu Setup:



2. Update Ubuntu environment:

# PART B:

1. Configure Git

2. Generate SSH keys

3. Test Connection

# PART C:

1.Install build tools and check version of gcc

## 2. <u>Steps to create C Program:</u>

- Open Vs code

- Connect to **ubuntu** and **WSL**

- Open new terminal

- Write nano hello.c

- Write C code

- Press **Ctrl + O**

- Press Enter

- Write gcc hello.c -o hello. Out

- Write **./hello. Out** to check the file
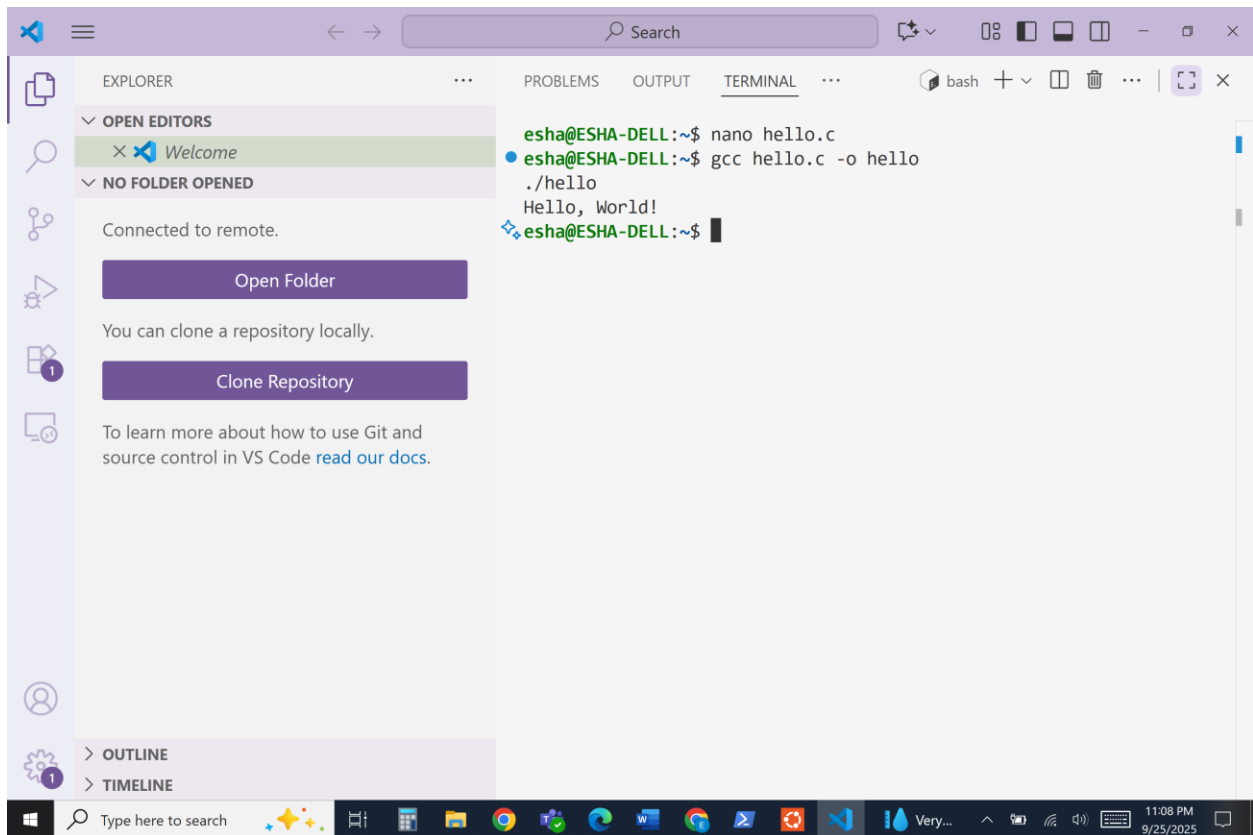
**Source code of c:**

```c
#include <stdio.h>

int main() {

    printf("Hello, World!\n");

    return 0;

}
```