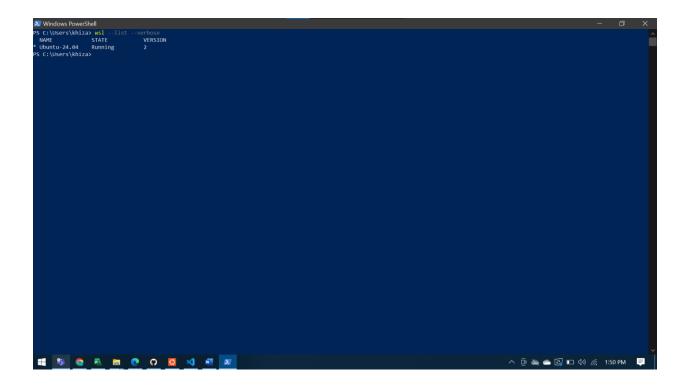


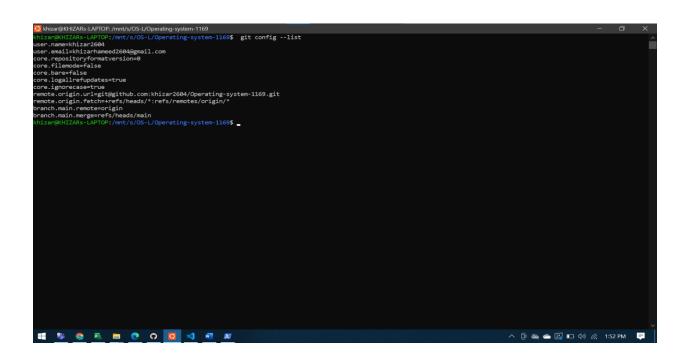
National Textile University Department of Computer Science Subject:

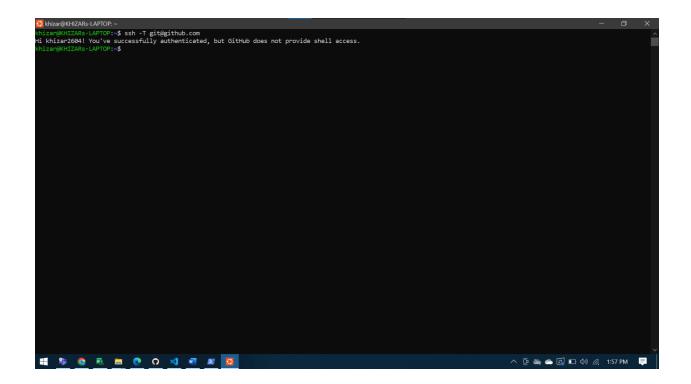
| Operating System |
|------------------------------|
| Submitted to: Sir Nasir |
| Submitted by: Khizar Hameed |
| Reg number: 23-NTU-CS-1169 |
| Lab no: 01 Home Task |
| Semester: |

Part A: WSL2 & Ubuntu Setup



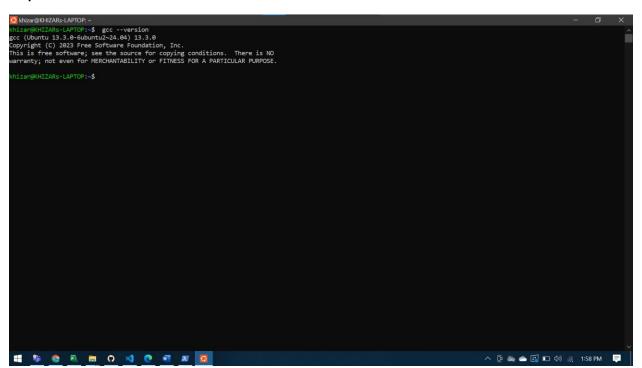
Part B: Git & GitHub SSH Setup





Part C: C Programming Environment & Practice

Step 1: Install Build Tools



Step 2: How to run a C Program

```
khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169
khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169$ gcc task1.c -o task1.out
khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169$ ./task1.out
Hello, World!
khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169$
_
```

Step 3: Write a C Program

```
#include <stdio.h>
int main() {
    printf("Hello, World!\n");
    return 0;
}
```

```
khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169

khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169$ ./task1.out

Hello, World!

khizar@KHIZARs-LAPTOP:/mnt/s/OS-L/Operating-system-1169$ __
```