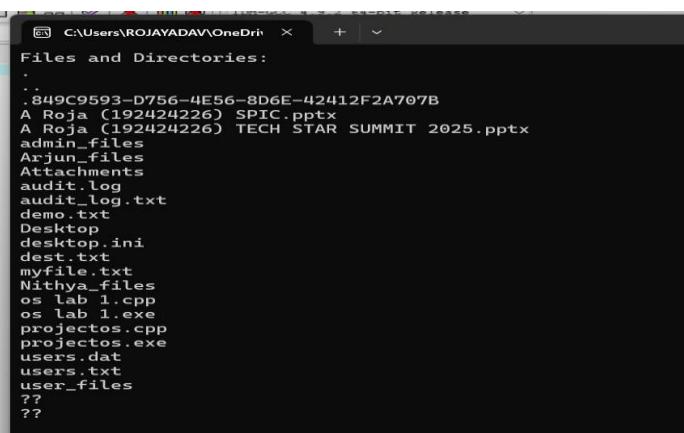


27. Develop a C program for simulating the function of ls UNIX Command.

```
#include <stdio.h>
#include <dirent.h>

int main() {
    DIR *d;
    struct dirent *dir;
    d = opendir(".");
    if (d == NULL) {
        printf("Could not open current directory.\n");
        return 0;
    }
    printf("Files and Directories:\n");
    while ((dir = readdir(d)) != NULL) {
        printf("%s\n", dir->d_name);
    }
    closedir(d);
    return 0;
}
```

OUTPUT-



The terminal window displays the output of the program, which lists the files and directories in the current directory. The output is as follows:

```
Files and Directories:
.
.
.
849C9593-D756-4E56-8D6E-42412F2A707B
A Roja (192424226) SPIC.pptx
A Roja (192424226) TECH STAR SUMMIT 2025.pptx
admin_files
Arjun_files
Attachments
audit.log
audit_log.txt
demo.txt
Desktop
desktop.ini
dest.txt
myfile.txt
Nithya_files
os lab 1.cpp
os lab 1.exe
projectos.cpp
projectos.exe
users.dat
users.txt
user_files
??
??
```