LAB ASSIGNMENT 5

Subject: Operating system concepts using Unix/Linux

1. Write a script uses the whoami command to determine the current logged-in user. Based on the retrieved username, it prints different messages depending on the user's role, such as root, admin, or a regular user.

2. Read a filename from the user and check if it is a file, directory, or does not exist.

3. Write a script to determine if a given year is a leap year.

4. Write a script to read a number and check if it is prime.

- 5. The script presents a menu with four options.
- 1 \rightarrow Displays the current date and time.
- 2 \rightarrow Shows the current working directory.
- $3 \rightarrow$ Lists all files and directories.
- $4 \rightarrow$ Displays a goodbye message and exits.
- If the user enters an invalid option, it asks for input again.

```
GNU nano 4.8
echo "Enter your choice:"
                                                                              n5.sh
read choice
        1)
            echo "Current Date and Time: $(date)"
        2)
            echo "Current Working Directory: $(pwd)"
        3)
            echo "Files and Directories:"
ls -l
        4)
            echo "Goodbye! Exiting the script."
            exit 0
            echo "Invalid option. Please try again."
navdip@LAPTOP-0N09VP88:/mnt/c/users/navdip/documents/NAVDIP$ bash n5.sh
Enter your choice:
Current Working Directory: /mnt/c/users/navdip/documents/NAVDIP
```