BANGALORE INSTITUTE OF TECHNOLOGY

K. R. Road, V. V. Puram, Bengaluru – 560 004

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

UNIX Shell Programming (21CS482)

Assignment 1 (Module1 and Module 2)

Sem: IV   **Batch: 2021-2025 CBCS**

1. Explain UNIX Operating system and its features.

2. Discuss the UNIX architecture with a neat diagram.

3. Explain the basic commands with examples for each.

   ls, cat, cal, date, calendar, who, printf, tty, stty, uname, passwd, echo, tput, and bc.

4. Explain the different types of files supported by unix

5. With a neat diagram explain the UNIX hierarchical file system.

6. Explain the home directory and pwd command

7. Distinguish between relative and absolute pathname.

8. Explain the following UNIX commands with examples

   i) mkdir   ii) cd   iii) rmdir   iv) rm

9. Explain the UNIX file system with a neat diagram.

Note:
1. Assignment has to be written in a **blue book.**

2. Last date for submitting the assignment is **1st August 2023.**

3. Assignment carries **10 Marks.**

Faculty Incharges

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