**School of Computer Science**

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**DEHRADUN, UTTARAKHAND**



**OPERATING SYSTEM LAB**

**Lab File**

**(2023-2024)**

**for**

**3rd Semester**

**Submitted To : Submitted By :**

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School of Computer Science 500106533

Batch 2

**Experiment No 1: System calls & I/O System calls**

i) To write programs to perform following operations in UNIX:

a) Process Creation



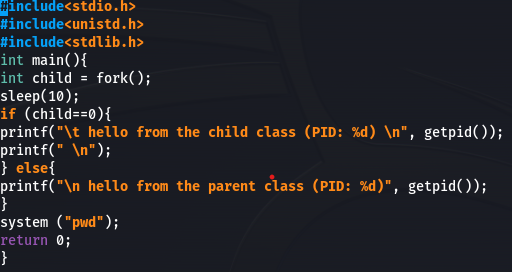
b) Executing a command

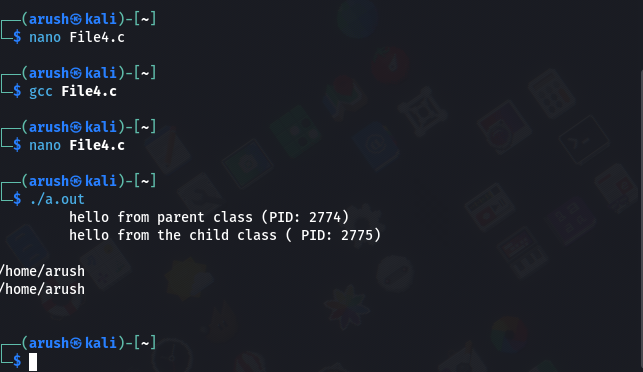


c) Sleep command

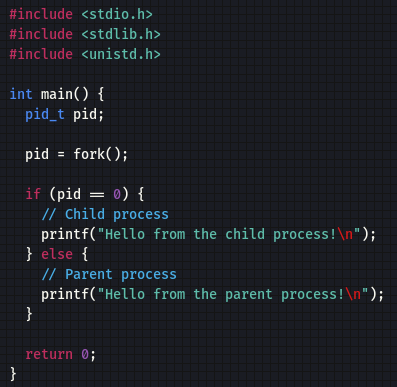


d) Sleep command using get pid



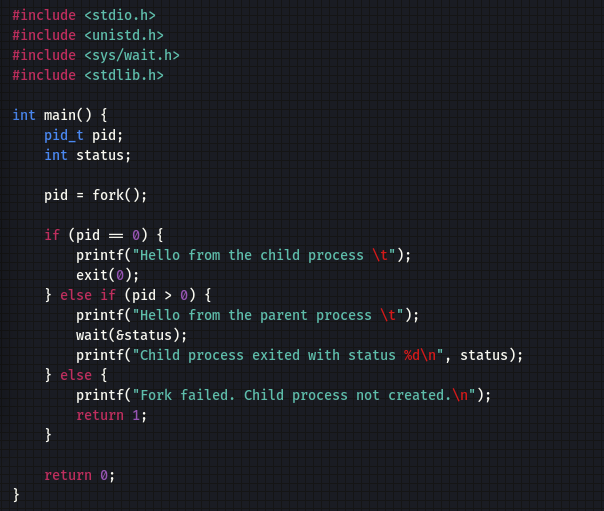


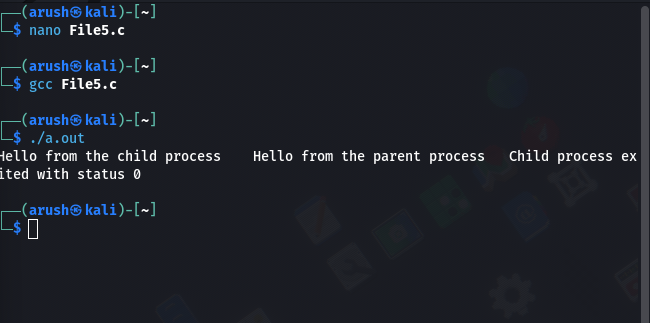
e) Signal handling using kill





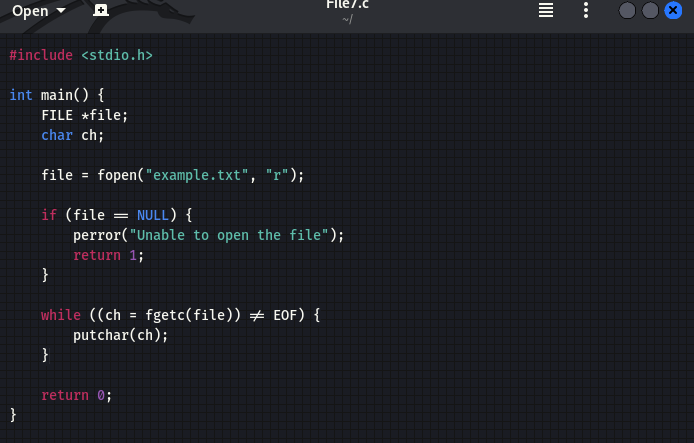
f) Wait command

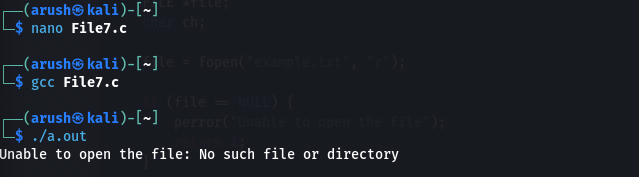




ii) To write programs to perform following operations in UNIX:

1. Reading from a file

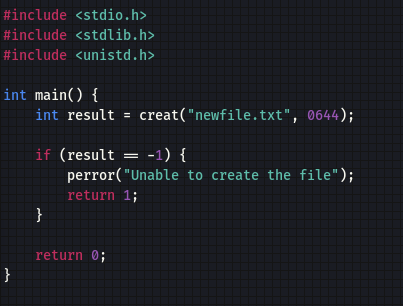


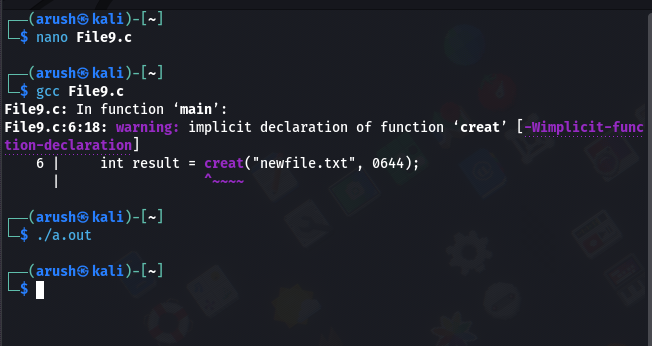


b)Writing into a file



c)File Creation





d) Implementation of ls command

