

IMPORTANT QUESTIONS

1. What is FIFO? Explain how it is used in IPC discuss with an example the client server communications using FIFO
2. What is Semaphores? How a process can obtain shared resources? Explain its prototypes in details
3. What are pipes? What are its limitations? Write a program to send data from parent to child over pipe?
4. Write a note on popen and pclose function
5. Explain daemon characteristics and its coding rules
6. Explain sigaction API with a demonstrating program
7. What is a signal mask of a process? Explain sigprocmask function along with its prototype
8. Explain with neat diagram the error logging facility for a daemon process
9. Define signals. Categorize the ways in which a process can handle the signals
10. Write a program to check whether SIGINT signal is present in a process signal mask and adds it to the mask if it is not there. It should clear SEGESGV signal from the process signal mask .
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