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| **2. Creating a Dummy Process for Process Monitoring and Management**    **Child1.c**        **3.1 Exercise 1: Using top to Monitor Processes.**  **A picture containing table  Description automatically generated**  **A picture containing text, scoreboard, monitor, screen  Description automatically generated**    **A picture containing table  Description automatically generated**  **3.3 Exercise 3: Using ps Command for Process Monitoring**  **Text  Description automatically generated**    **Text  Description automatically generated**  **Text  Description automatically generated**  **A picture containing text  Description automatically generated**  **3.6 Adjusting Process Priorities with nice and renice Commands**      **Text  Description automatically generated**  **Text  Description automatically generated**  **3.10 Terminating Processes with kill, pkill, and killall Commands**  **Text  Description automatically generated**    **Text  Description automatically generated**  **4.1 Exercise 1: Basic Fork Usage**    **Text  Description automatically generated**    **Text  Description automatically generated**  **Text  Description automatically generated**  **4.2 Exercise 2: Fork and Wait**    **Text  Description automatically generated**  **Text  Description automatically generated**  **4.3 Exercise 3: Fork and Exec**    **Text  Description automatically generated**  **Text  Description automatically generated**  **Graphical user interface, text  Description automatically generated**  **4.4 Exercise 4: Inter-Process Communication (IPC) using Pipes**  **Text  Description automatically generated**        **4.5 Exercise 5: IPC using Named Pipes (FIFOs)**  **Text  Description automatically generated**  **Text  Description automatically generated with medium confidence**  **Text  Description automatically generated**    **4.5 Exercise 5: IPC using Named Pipes (FIFOs)**  **Text  Description automatically generated**  **Text  Description automatically generated**  **Text  Description automatically generated**  **Text  Description automatically generated**  **4.6.2 IPC using Shared Memory in Python Code**  **Text  Description automatically generated**  **Text  Description automatically generated**  **4.7.1 Process Synchronization using Semaphores in C Code**  **Text  Description automatically generated**    **4.7.2 Process Synchronization using Semaphores in Python Code**  **Text  Description automatically generated**  **Text  Description automatically generated**    **4.8.1 File Descriptor Sharing in C Code**  **Text  Description automatically generated**    **4.8.2 File Descriptor Sharing in Python Code**  **Text  Description automatically generated**      **Text  Description automatically generated**  **4.9.2 Resource Limits in Python Code**  **Text  Description automatically generated**  **Text  Description automatically generated**  **4.10.1 Signal Handling in C Code**  **Text  Description automatically generated**  **Text  Description automatically generated**  **4.10.2 Signal Handling in Python Code**  **Text  Description automatically generated**  **A picture containing text  Description automatically generated** |