

Session: 2021 – 2025

**Submitted by:**

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**Operating System Lab Mid Exam**

**Question:**

Compute the Factorial using IPC (PIPE implementation).

1. Parent creates pipe

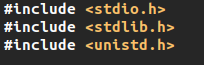
2. Forks a child

3. Parent writes into pipe (the number for Factorial)

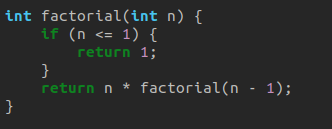
4. Child reads from pipe and compute the Factorial for the number written by Parent and print them.

**Solution :**

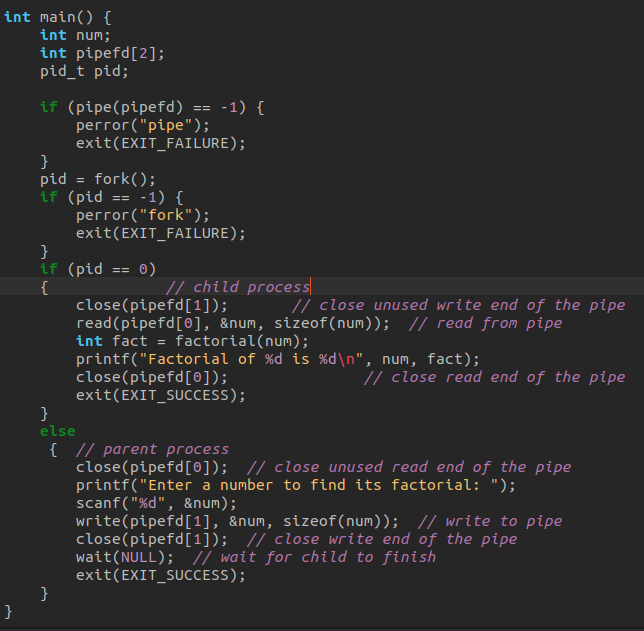
* **Header Files :**

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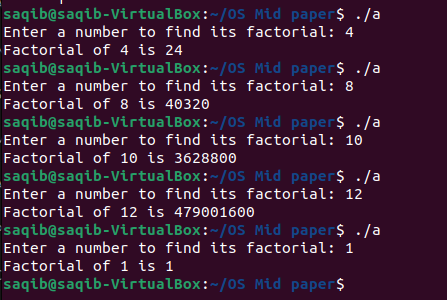
* **Factorial Function :**

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* **Main Function :**

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* **Output of the program :**

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