

**Artificial Intelligence and Data Science Department.**

OS / Even Sem 2021-22 / Experiment 11.

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YASH SARANG.

47 / D6AD.

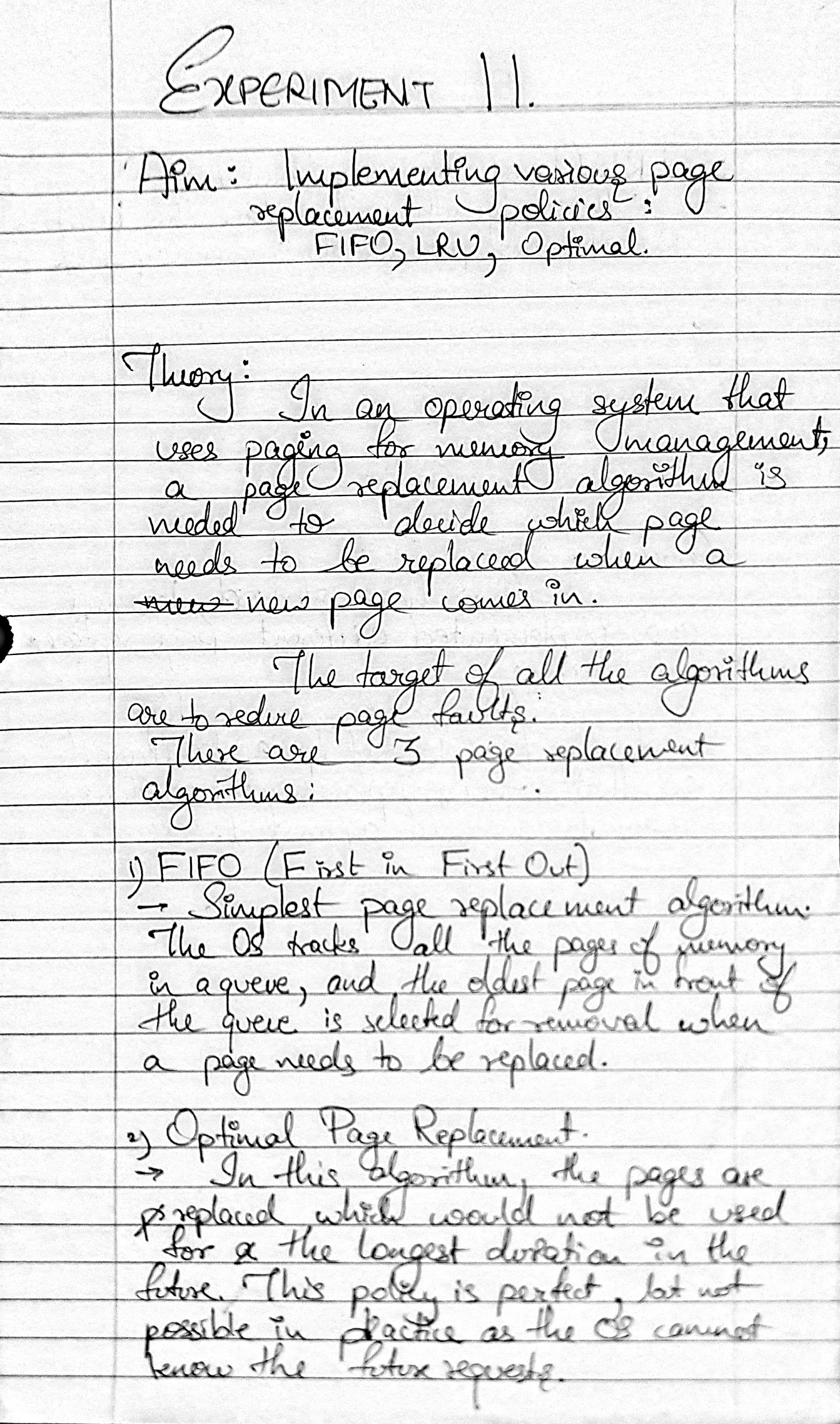
EXPERIMENT - 11.

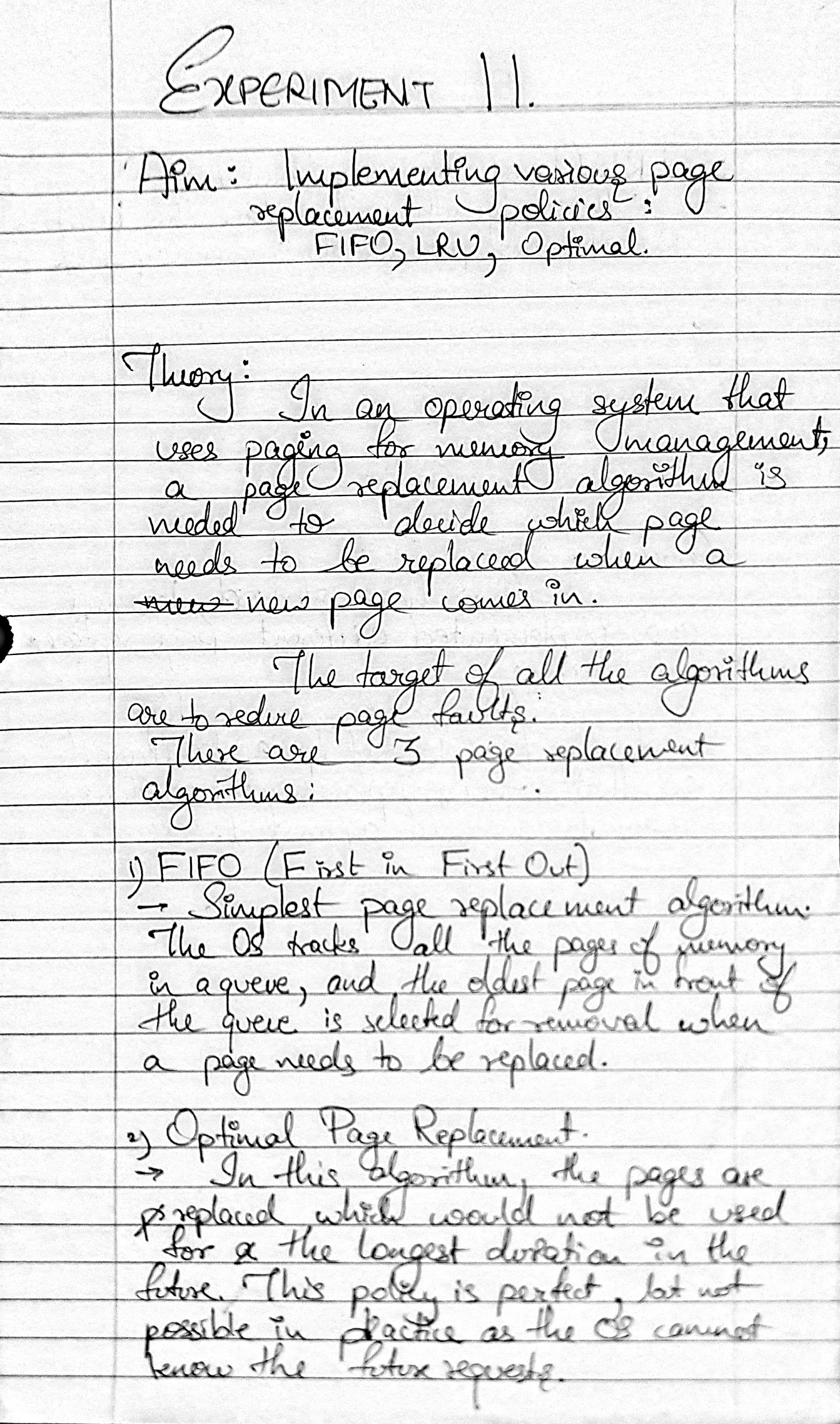
Page Replacement Policies.

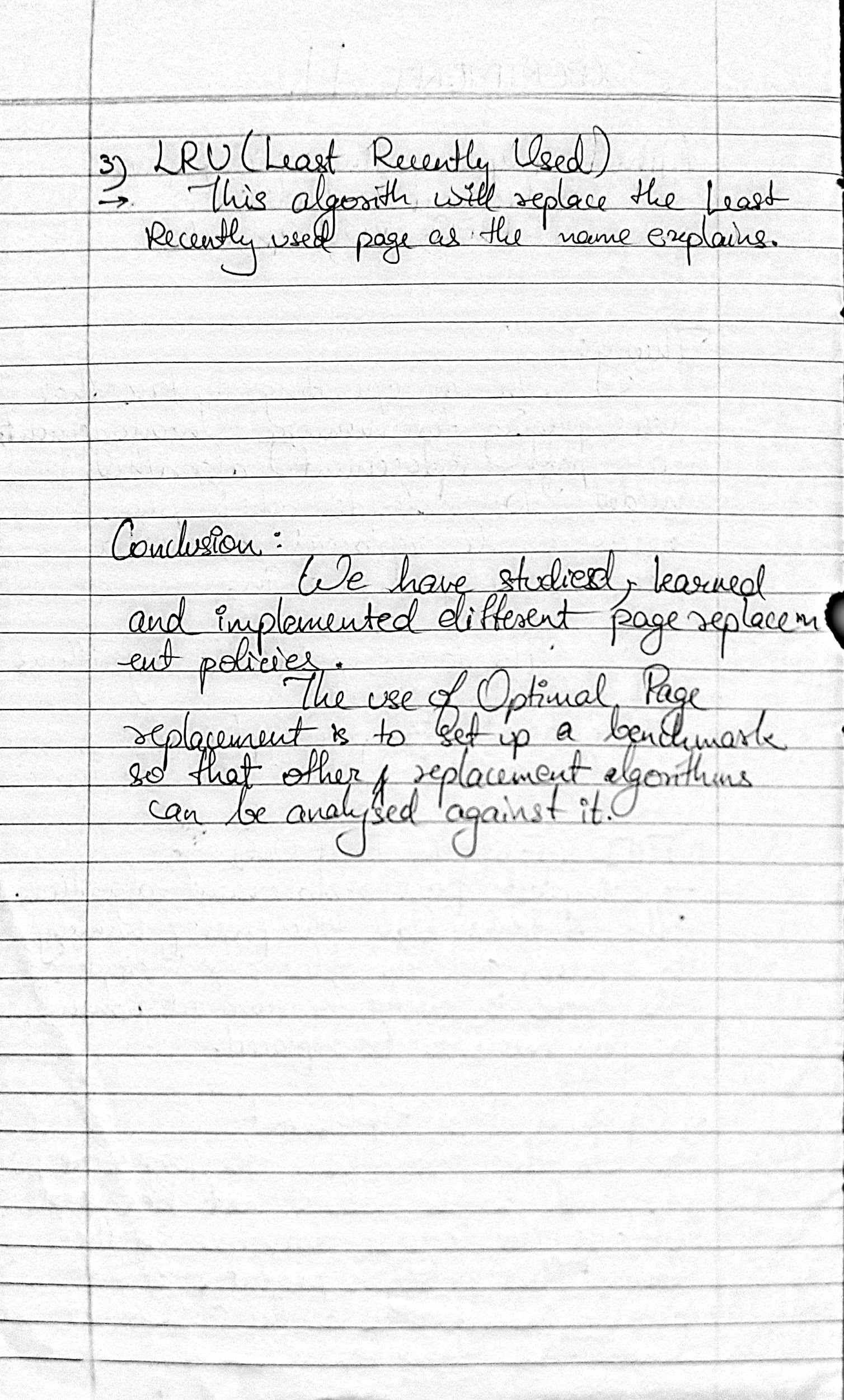
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**Aim:** Implementing Various page replacement policies: FIFO, Optimal, LRU.

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**Theory:**

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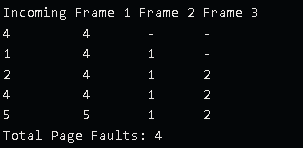
**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Code:**

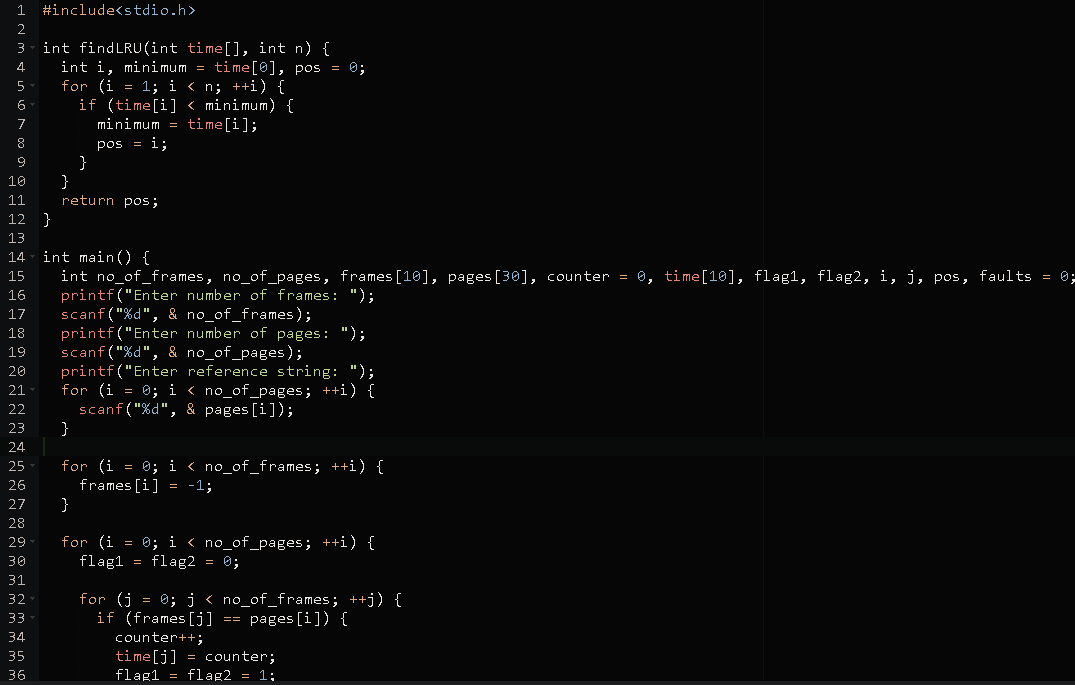
1. **FIFO**

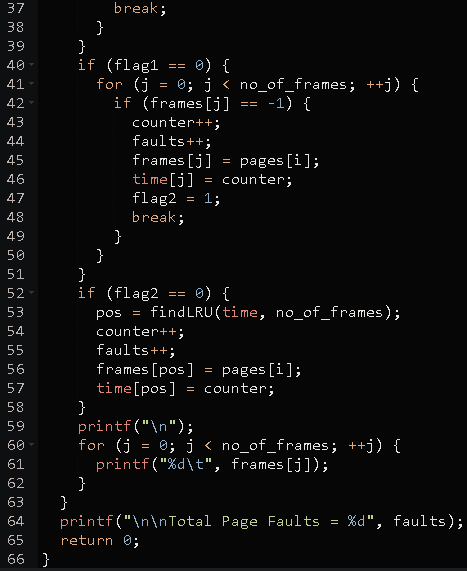
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**Output:**

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1. **LRU**

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**Output:**

***Enter number of frames: 3***

***Enter number of pages: 6***

***Enter reference string: 5 7 5 6 7 3***

***5 -1 -1***

***5 7 -1***

***5 7 -1***

***5 7 6***

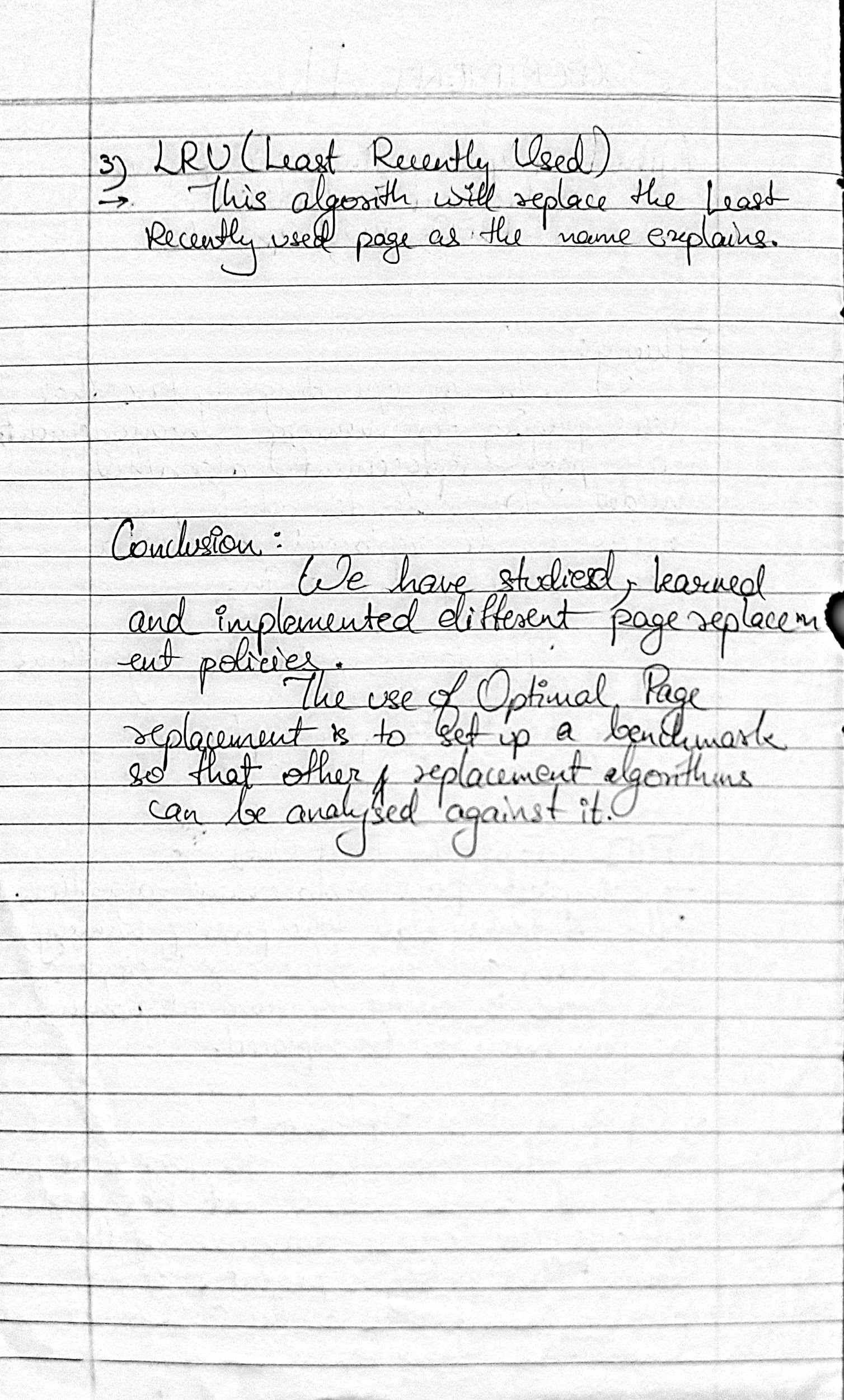
***5 7 6***

***3 7 6***

***Total Page Faults = 4***

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**Conclusion:-**

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