## OS LAB: Page replacement Algorithm

Name: Disha Khater
Roll no. 64
12010067
CS-A

```
if(!pageframes.contains(pages[i])){
                pageframes.add(pages[i]);
            if(!pageframes.contains(pages[i])){
public static int LRU(int pages[], int n, int capacity) {
```

```
static int predict(int pg[], int[] fr, int pn, int index)
            if (fr[i] == pg[j]) {
static void optimalPage(int pg[], int pn, int fn)
        if (search(pg[i], fr)) {
```

## **OUTPUT:**

```
FIFO page faults: 7

LRU page faults: 6

No. of hits = 7

No. of misses = 6

Process finished with exit code 0
```