Ex. No.: 11a)
Date: 16 04/25

FIFO PAGE REPLACEMENT

Aim:

To find out the number of page faults that occur using First-in First-out (FIFO) page replacement technique.

Algorithm:

1. Declare the size with respect to page length

2. Check the need of replacement from the page to memory

3. Check the need of replacement from old page to new page in memory 4. Form a queue to hold all pages

5. Insert the page require memory into the queue

6. Check for bad replacement and page fault

7. Get the number of processes to be inserted

8. Display the values

Program Code:

print (" In Page | t Firame | t Erame | t Erame 2 | t Firames | t Page Faults (n'); for (i=0; i2 Pages; itt) (inf found=0; for (j=0;jc frames;j++){ i | (Jenn [] 3== incorning[i]) { break; 33 ib ! Found) [Jemp [page-Faults / trames] = incoming[i]; page-faults ++; } frint ["/d/t", incoming[i]) for (k = 0; K& frames ; K++) { il denh [k][z-1) print]["/.d/t", temp [x3); prinf["-]t") print ["/.d\n", found? 0:1); 3
print [" n Total Page Faults: "/.d\n", page-faults); vieturn oj



Page	Ferane 1	Frame 2	Frame 3	Page Foults
, 0	1	-		1
2	1	2	3	1
3	1	2	2	1
4	4	2	3	1
1	4	V	2	1
2	4	1	2	0
5	5	1	2	0
1	5	,	2	,
2	5	?	2	
2	5)	4	1
14	5	3	LE	0
5	5	3	7	E lev
)				

Total Page Faults: 9

Total page faults: 15. Enter the no. of forames: 3 Enter the no- of-Pages: 12 Enter page reference storing: 1 Thus the program to find out the no of page faults that occur using First in First out page replacement technique has been executed successfully