Ex. No.: 11 a
Date: 7. 5.24

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

Program Code: | vi fito.py

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

del pino fisco:

global a, m, n

f = -1

page_faults=0

page = []

for i in range (m):

page.append (A) =

for i in range (n):

ftag = 0

for j in range (m):

if [page [j] == a [i]):

ftag = 1

break

if flag==0:

64

f = (f+1) 1. m

page [x] == a [i]

page-faults +=1

print ("In", aci], "->", end="

```
for j in range (m):
               if page G]] = -1;
               por print (page (j), end = " ");
              elx:
                  printf (" - ", end =" ");
     esser
 else:
     printf("In", a (i), " > No page Fault ");
print ("In Total page faults:", page faults)
a = C]
n = int linput ("In Enter size of reference string: ")) &
for i in range (n):
         a append (int limp ut (f * Enter 2 i+17: ")))
m = intlingut ("tuenter page Frame size: ")}
FIFEL)
```

```
Output: pymous fifo py
anter size of reference string: 20
anti
anter
     2:
           0
     3:
anter
           2
unter
     4 -
unter
     5:
           0
     6:
unter
anter
anter 8:
     9:
Enter
      10:
anter
 anter
      11:0
unter
     12:3
enter
     13
antir
      14:1
anter
      15
anter
     16
Enter
     17:
Enter
     18:
anter
      9:
           0
unter 20:
anter page frame size: 203
キョーー
                 0-12-3
                 0-2-3
7909-
7-10-1
                 0-1-3
27071
                  りついろす
27071
                  のカノウス
                             66
2-33-31
                  76-16-00
 2 73 30
4-3-3-0
                  Notal page faults = 9
47230
4-)2-3
                   The program has been compiled and executed
```

surcosfully.

RESULT:

0-) 2->3