

SCHOOL OF COMPUTER SCIENCE

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[User:a1779153 - Student - Vandit Jyotindra Gajjar][Thu 22 Oct 2020 05:33:15pm Australia/Adelaide]

Navigation Make Submission View Feedback Status Help

Selected Assignment -> 2020/Semester 2/Operating Systems/Programming Assignment 2

Assignment Repository to be Submitted:

https://version-control.adelaide.edu.au/svn/a1779153/2020/s2/os/assignment2

Choose a submission from the "Submission" column to view the test script output and any associated marks. The selected "Submission" item is highlighted in **red**. If available, "Helpful Hints" or "Feedback" can be chosen too. All the items in the "Submission" column are listed with the most recent first. If the assignment deadline is known to the Web Submission system, this will be indicated in the Submissions column too.

Submission			Feedback						
Due Date Oct 22 17:08 r701(14) Oct 18 18:35 r699(12)	Due Date: Oct 22 23 Final Assignment M								
Oct 18 18:33 7699(12) Oct 13 18:04 r646(10)	View Feedback in the Practical Marker								
	Assignment Repository Submitted: https://version-control.adelaide.edu.au/svn/a1779153/2020/s2/os/assignment2/?p=701								
	Submitted: Oct 22 17:08.19 Resubmitted: Oct 22 17:32.57 Status: Finished execution								
	Marks at: Oct 22 17	:32.57							
	Part	Marks	Maximum						
	1	2							
	2	2							
	3	2							
	4	2							
	5	2							

2 7 2 9 20 14 **Total Marks**

```
Output at: Oct 22 17:32.57
SVN Exported revision 701.
running test script....
Test FIFO 1:
Test1 test:
./PageReplacement input.txt 4096 4 FIFO
Comparing output....
Testing successful; 2 marks
Test FIFO 2:
Test2 test:
./PageReplacement input.txt 2048 10 FIFO
Comparing output....
Testing successful; 2 marks
Test LRU 1:
Test3 test:
./PageReplacement input.txt 4096 4 LRU
Comparing output....
Testing successful; 2 marks
Test LRU 2:
Test4 test:
./PageReplacement input.txt 2048 10 LRU
Comparing output....
Testing successful; 2 marks
Test ARB 1:
Test5 test:
./PageReplacement input.txt 4096 4 ARB 1 1
Comparing output....
Testing successful; 2 marks
Test ARB 2:
Test6 test:
./PageReplacement input.txt 4096 10 ARB 6 12
Comparing output....
Testing failed, see differences below
Correct flow output
events in trace: 140
total disk reads: 59
total disk writes: 30
page faults:
```

```
err file:
Your flow output
events in trace: 140
total disk reads: 59
total disk writes: 37
page faults: 59
input file:
# Email
R 0000588a
W 0000bf51
W 00005aed
W 0000f9f3
W 000044d1
W 0000fd62
W 0000c704
W 00005f0b
R 000000be
W 00006d76
R 0000ea4b
W 0000ca82
W 00000e40
R 00006516
R 0000260d
R 0000e315
W 00001346
W 0000f298
R 0000682b
R 000041d5
W 0000e7ee
R 00002c84
W 00001555
W 000045dd
W 00001453
W 0000d70a
W 00007845
W 00009831
R 0000521a
R 0000deda
W 0000acff
W 0000ec7e
R 000046f8
W 00006139
R 0000fe51
R 0000de6a
R 00002441
W 000040fb
R 00005f44
W 00000a93
R 0000b320
R 0000bd21
W 0000a3bf
```

W	0	0	0	0	е	3	5	d	
R	0	0	0	0	3	3	d	8	
W	0	0	0	0	4	8	2	d	
W	0	0	0	0	6	9	е	8	
W	0	0	0	0	2	3	7	4	
W			0						
R	0	0	0	0	d	8	1	2	
R	0								
R			0						
R	0								
W	0								
W			0						
R	0								
R	0								
R	0								
R	0								
W	0								
W	0								
vv R	0	0	0	0	7	ے 1	っ	a	
R	0								
r R	0								
W			0						
vv R	0								
r R	0								
r R	0								
	0								
W									
R	0								
R W	0							0	
W	0								
W	0								
R	0								
R	0								
R	0								
R	0								
R	0								
R	0								
R	0								
R	0								
W	0								
	0								
W	0								
R	0								
W	0								
R			0						
R	0								
R			0						
W			0						
W	0								
R			0						
W			0						
W	0								
W	0								
W	0	0	0	0	f	4	9	4	

```
W 0000a46d
R 0000ccaf
W 0000fle0
W 0000270d
W 0000be17
W 0000163a
W 000044fb
R 000097e3
R 00003282
R 00007498
W 0000f3f0
W 0000e112
W 0000c60b
W 00002590
R 0000f3b7
W 0000df97
W 0000a6aa
R 00005887
R 00003313
W 0000254b
W 0000cb97
R 0000e518
R 00008223
R 00008850
W 0000f430
W 000023d6
R 0000229b
R 0000cafd
R 0000b64d
W 00001516
R 000015a4
R 0000169e
R 000071e1
R 00008d67
R 0000820d
W 00009e5b
R 0000bc95
R 0000f668
W 00002060
W 000029e9
R 00008139
R 000022c7
W 0000029a
Details (Just for debug):
Time: 1 MISS:
                         5
                                                         frames: -1(000000) -1(000000) -1(000000)
                   page
Time: 2 MISS:
                                                         frames: -1(000000) -1(000000) -1(000000)
                   page 11
Time: 3 HIT:
                         5
                                                         frames: -1(000000) -1(000000) -1(000000)
                   page
                                                         frames: -1(000000) -1(000000) -1(000000)
Time: 4 MISS:
                   page 15
      5 MISS:
                                                         frames: -1(000000) -1(000000)
Time:
                   page
                         4
                                                                                        -1(000000)
Time:
       6 HIT:
                   page 15
                                                         frames: -1(000000) -1(000000)
                                                                                        -1(000000)
                                                         frames: -1(000000) -1(000000)
Time:
      7 MISS:
                   page 12
                                                                                       -1(000000)
Time:
       8 HIT:
                          5
                                                         frames: -1(000000)
                                                                            -1(000000)
                                                                                        -1(000000)
                   page
Time:
       9 MISS:
                          0
                                                         frames: -1(000000) -1(000000) -1(000000)
                   page
```

					- '	'						
Time:	10	MISS:	page	6						-1 (000000)	-1 (000000)	-1 (000000)
Time:	11	MISS:	page	14						-1 (000000)	-1 (000000)	0(100000)
Time:	12	HIT:	page	12						-1 (000000)	-1 (000000)	0 (100000)
Time:	13	HIT:	page	0						-1 (000000)	-1 (000000)	0 (110000)
Time:	14	HIT:	page	6						-1 (000000)	-1 (000000)	0(110000)
Time:	15	MISS:	page	2						-1 (000000)	0(110000)	2 (100000)
Time:	16	HIT:	page	14						-1 (000000)	0(110000)	2 (100000)
Time:	17	MISS:	page	1					frames:	0(110000)	1 (100000)	2 (100000)
Time:	18	HIT:	page	15					frames:	0(110000)	1 (100000)	2 (100000)
Time:	19	HIT:	page	6					frames:	0(110000)	1 (100000)	2 (100000)
Time:	20	HIT:	page	4					frames:	0(110000)	1 (100000)	2 (100000)
Time:	21	HIT:	page	14					frames:	0 (110000)	1 (100000)	2 (100000)
Time:	22	HIT:	page	2					frames:	0 (110000)	1 (100000)	2 (100000)
Time:	23	HIT:	page	1					frames:	0 (110000)	1 (100000)	2 (100000)
Time:	24	HIT:	page	4					frames:	0 (110000)	1 (100000)	2 (100000)
Time:	25	HIT:	page	1					frames:	0 (011000)	1 (110000)	2 (010000)
Time:	26	MISS:	page	13	REPLACE: p		5	(DIRTY)	frames:	0 (011000)	1(110000)	2 (010000)
Time:	27	MISS:	page	7	REPLACE: p		11	(DIRTY)	frames:	0(011000)	1(110000)	2 (010000)
Time:	28	MISS:	page	9	REPLACE: p		12	(DIRTY)	frames:	0 (011000)	1(110000)	2 (010000)
Time:	29	MISS:	page	5	REPLACE: p	page	2		frames:	0(011000)	1(110000)	4 (011000)
Time:	30	HIT:	page	13					frames:	0(011000)	1(110000)	4 (011000)
Time:	31	MISS:	page	10	REPLACE: p	page	15	(DIRTY)	frames:	0(011000)	1(110000)	4 (011000)
Time:	32	HIT:	page	14					frames:	0(011000)	1(110000)	4 (011000)
Time:	33	HIT:	page	4					frames:	0(011000)	1(110000)	4 (111000)
Time:	34	HIT:	page	6					frames:	0(011000)	1(110000)	4 (111000)
Time:	35	MISS:	page	15	REPLACE: p	page	0	(DIRTY)	frames:	1(110000)	4 (111000)	5 (100000)
Time:	36	HIT:	page	13					frames:	1(110000)	4 (111000)	5 (100000)
Time:	37	MISS:	page	2	REPLACE: p	page	13	(DIRTY)	frames:	1(011000)	2 (100000)	4 (011100)
Time:	38	HIT:	page	4					frames:	1(011000)	2 (100000)	4 (111100)
Time:	39	HIT:	page	5					frames:	1(011000)	2 (100000)	4 (111100)
Time:	40	MISS:	page	0	REPLACE: p	page	7	(DIRTY)	frames:	0(100000)	1(011000)	2 (100000)
Time:	41	MISS:	page	11	REPLACE: p	page	9	(DIRTY)	frames:	0(100000)	1(011000)	2 (100000)
Time:	42	HIT:	page	11					frames:	0(100000)	1(011000)	2 (100000)
Time:	43	HIT:	page	10					frames:	0(100000)	1(011000)	2 (100000)
Time:	44	HIT:	page	14					frames:	0(100000)	1(011000)	2 (100000)
Time:	45	MISS:	page	3	REPLACE: p	page	15		frames:	0(100000)	1(011000)	2 (100000)
Time:	46	HIT:	page	4					frames:	0(100000)	1(011000)	2 (100000)
Time:	47	HIT:	page	6					frames:	0(100000)	1(011000)	2 (100000)
Time:	48	HIT:	page	2					frames:	0(100000)	1 (011000)	2(100000)
Time:	49	HIT:	page	14					frames:	0(010000)	1(001100)	2 (010000)
Time:	50	MISS:	page	13	REPLACE: p	page	1	(DIRTY)	frames:	0(010000)	2 (010000)	3 (010000)
Time:	51	MISS:	page	15	REPLACE: p	page	2	(DIRTY)	frames:	0(010000)	3 (010000)	4 (011110)
Time:	52	HIT:	page	0					frames:	0(110000)	3 (010000)	4 (011110)
Time:	53	MISS:	page	1	REPLACE: p	page	11		frames:		1 (100000)	3 (010000)
Time:	54	HIT:	page	0					frames:	0(110000)	1 (100000)	3 (010000)
Time:	55	MISS:	page	9	REPLACE: p	page	3		frames:	0(110000)	1 (100000)	4 (011110)
Time:	56	HIT:	page	4					frames:	0(110000)	1 (100000)	4 (111110)
Time:	57	HIT:	page	14					frames:	0(110000)	1(100000)	4 (111110)
Time:	58	HIT:	page	6					frames:	0(110000)	1(100000)	4 (111110)
Time:	59	HIT:	page						frames:	0(110000)	1(100000)	4 (111110)
Time:	60	HIT:	page	4					frames:	0(110000)	1 (100000)	4 (111110)
Time:	61	MISS:	page	7	REPLACE: p		5		frames:	0(011000)	1 (010000)	4 (011111)
Time:	62	MISS:	page	3	REPLACE: p			(DIRTY)	frames:	0(011000)	1 (010000)	3 (100000)
Time:	63	MISS:	page	5	REPLACE: p	page	13		frames:	0(011000)	1(010000)	3 (100000)

							'					
Time:	64	MISS:	page	10	REPLACE:	page	15		frames:	0(011000)	1(010000)	3 (100000)
Time:	65	HIT:	page	4					frames:	0(011000)	1 (010000)	3 (100000)
Time:	66	HIT:	page	10					frames:	0 (011000)	1 (010000)	3 (100000)
Time:	67	MISS:	page	2	REPLACE:	page	1		frames:	0 (011000)	2 (100000)	3 (100000)
Time:	68	HIT:	page	10					frames:	0(011000)	2 (100000)	3 (100000)
Time:	69	HIT:	page	5					frames:	0(011000)	2 (100000)	3 (100000)
Time:	70	MISS:	page	1	REPLACE:	page	9	(DIRTY)	frames:	0(011000)	1 (100000)	2 (100000)
Time:	71	HIT:	page	3					frames:	0(011000)	1 (100000)	2 (100000)
Time:	72	MISS:	page	11	REPLACE:	page	0	(DIRTY)	frames:	1(100000)	2(100000)	3 (100000)
Time:	73	HIT:	page	7					frames:	1(010000)	2(010000)	3 (010000)
Time:	74	HIT:	page	5					frames:	1 (010000)	2 (010000)	3 (010000)
Time:	75	HIT:	page	5					frames:	1 (010000)	2 (010000)	3 (010000)
Time:	76	MISS:	page	8	REPLACE:	page	6	(DIRTY)	frames:	1 (010000)	2 (010000)	3 (010000)
Time:	77	HIT:	page	7					frames:	1 (010000)	2 (010000)	3 (010000)
Time:	78	MISS:	page	9	REPLACE:		14	(DIRTY)	frames:	1 (010000)	2 (010000)	3 (010000)
Time:	79	MISS:	page	0	REPLACE:	page	3		frames:	0(100000)	1 (010000)	2 (010000)
Time:	80	HIT:	page	9					frames:	0(100000)	1 (010000)	2 (010000)
Time:	81	MISS:	page	12	REPLACE:		10		frames:	0(100000)	1 (010000)	2 (010000)
Time:	82	MISS:	page	6	REPLACE:	page	2		frames:	0(100000)	1 (010000)	4 (011111)
Time:	83	MISS:	page	13	REPLACE:	page	1		frames:	0(100000)	4 (011111)	5 (110000)
Time:	84	HIT:	page	7					frames:	0(100000)	4 (011111)	5 (110000)
Time:	85	HIT:	page	6					frames:	0(010000)	4 (001111)	5 (011000)
Time:	86	HIT:	page	9					frames:	0(010000)	4 (001111)	5 (011000)
Time:	87	HIT:	page	9					frames:	0(010000)	4 (001111)	5 (011000)
Time:	88	MISS:	page	15	REPLACE:	page	11	(DIRTY)	frames:	0(010000)	4 (001111)	5 (011000)
Time:	89	MISS:	page	3	REPLACE:	page	4	(DIRTY)	frames:	0(010000)	3 (100000)	5 (011000)
Time:	90	HIT:	page	13					frames:	0(010000)	3 (100000)	5 (011000)
Time:	91	MISS:	page	4	REPLACE:	page	8		frames:	0(010000)	3 (100000)	4 (100000)
Time:	92	HIT:	page	15					frames:	0(010000)	3 (100000)	4 (100000)
Time:	93	MISS:	page	14	REPLACE:	page	0		frames:	3 (100000)	4 (100000)	5 (011000)
Time:	94	MISS:	page	2	REPLACE:	page	12		frames:	2(100000)	3 (100000)	4 (100000)
Time:	95	HIT:	page	7					frames:	2(100000)	3 (100000)	4 (100000)
Time:	96	MISS:	page	1	REPLACE:	page	5	(DIRTY)	frames:	1(100000)	2 (100000)	3 (100000)
Time:	97	HIT:	page	15					frames:	1 (010000)	2 (010000)	3 (010000)
Time:	98	MISS:	page	10	REPLACE:	page	3		frames:	1(010000)	2 (010000)	4 (010000)
Time:	99	MISS:	page	12	REPLACE:	page	4	(DIRTY)	frames:	1(010000)	2 (010000)	6(011000)
Time:		HIT:	page	15					frames:	1(010000)	2 (010000)	6(011000)
Time:		HIT:	page	2					frames:	1(010000)	2(110000)	6(011000)
Time:		MISS:	page	11	REPLACE:	page	14		frames:	1(010000)	2(110000)	6(011000)
Time:		HIT:	page	1					frames:	1(110000)	2 (110000)	6 (011000)
Time:		MISS:	page	4	REPLACE:		9	(DIRTY)	frames:	1(110000)	2 (110000)	4 (100000)
Time:		MISS:	page	9	REPLACE:		6	(DIRTY)	frames:	1(110000)	2 (110000)	4 (100000)
Time:		MISS:	page	3	REPLACE:	page	13	(DIRTY)	frames:	1(110000)	2(110000)	3 (100000)
Time:	107	HIT:	page	7					frames:	1(110000)	2(110000)	3 (100000)
Time:		HIT:	page						frames:	1(110000)	2(110000)	3 (100000)
Time:		MISS:	page		REPLACE:	page	10	(DIRTY)	frames:	1(011000)	2 (011000)	3 (010000)
Time:		HIT:		12					frames:	1 (011000)	2 (011000)	3 (010000)
Time:		HIT:	page	2					frames:	1 (011000)	2 (111000)	3 (010000)
Time:		HIT:	page	15					frames:	1 (011000)	2 (111000)	3 (010000)
Time:		MISS:	page	13	REPLACE:			(DIRTY)	frames:	1 (011000)	2 (111000)	3 (010000)
Time:		MISS:	page	10	REPLACE:			(DIRTY)	frames:	1 (011000)	2 (111000)	3 (010000)
Time:		MISS:	page	5	REPLACE:	page	9		frames:	1 (011000)	2 (111000)	3 (010000)
Time:		HIT:	page	3					frames:	1 (011000)	2 (111000)	3 (110000)
Time:	117	HIT:	page	2					frames:	1 (011000)	2 (111000)	3 (110000)

```
Time: 118 HIT:
                                                       frames: 1(011000) 2(111000) 3(110000)
                   page 12
Time: 119 HIT:
                   page 14
                                                       frames: 1(011000)
                                                                           2(111000)
                                                                                       3 (110000)
                             REPLACE: page 1 (DIRTY) frames: 2(111000) 3(110000)
Time: 120 MISS:
                   page 8
                                                                                      5(100000)
Time: 121 HIT:
                  page 8
                                                       frames: 2(011100) 3(011000)
                                                                                      5 (010000)
Time: 122 HIT:
                   page 15
                                                       frames: 2(011100) 3(011000)
                                                                                      5 (010000)
                  page 2
Time: 123 HIT:
                                                       frames: 2(111100)
                                                                           3 (011000)
                                                                                       5 (010000)
Time: 124 HIT:
                   page 2
                                                       frames: 2(111100)
                                                                           3 (011000)
                                                                                       5 (010000)
Time: 125 HIT:
                  page 12
                                                       frames: 2(111100)
                                                                           3 (011000)
                                                                                       5 (010000)
Time: 126 MISS:
                   page 11
                             REPLACE: page 7 (DIRTY) frames: 2(111100)
                                                                          3 (011000)
                                                                                      5 (010000)
Time: 127 MISS:
                  page 1
                             REPLACE: page 14 (DIRTY) frames: 1(100000)
                                                                           2 (111100)
                                                                                       3 (011000)
                   page 1
Time: 128 HIT:
                                                       frames: 1(100000)
                                                                           2 (111100)
                                                                                       3 (011000)
Time: 129 HIT:
                  page 1
                                                       frames: 1(100000)
                                                                           2 (111100)
                                                                                      3 (011000)
Time: 130 MISS:
                  page 7
                             REPLACE: page 13 (DIRTY) frames: 1(100000)
                                                                           2 (111100)
                                                                                      3 (011000)
Time: 131 HIT:
                  page 8
                                                       frames: 1(100000)
                                                                           2 (111100)
                                                                                       3 (011000)
Time: 132 HIT:
                   page 8
                                                       frames: 1(100000)
                                                                           2 (111100)
                                                                                      3 (011000)
Time: 133 MISS:
                  page 9
                             REPLACE: page 10 (DIRTY) frames: 1(010000)
                                                                           2 (011110)
                                                                                      3 (001100)
Time: 134 HIT:
                  page 11
                                                       frames: 1(010000)
                                                                           2 (011110)
                                                                                      3 (001100)
Time: 135 HIT:
                  page 15
                                                       frames: 1(010000)
                                                                           2 (011110)
                                                                                       3 (001100)
Time: 136 HIT:
                  page 2
                                                       frames: 1(010000)
                                                                          2(111110)
                                                                                      3 (001100)
Time: 137 HIT:
                                                       frames: 1(010000) 2(111110) 3(001100)
                  page 2
Time: 138 HIT:
                  page 8
                                                       frames: 1(010000) 2(111110)
                                                                                     3 (001100)
Time: 139 HIT:
                  page 2
                                                       frames: 1(010000) 2(111110) 3(001100)
Time: 140 MISS:
                   page 0 REPLACE: page 5
                                                   frames: 0(100000) 1(010000)
                                                                                      2 (111110)
Test WSARB-1 1:
Test7 test:
./PageReplacement input.txt 1024 5 WSARB-1 4 3 4
Comparing output....
Testing successful; 2 marks
Test WSARB-1 2:
Test8 test:
./PageReplacement input.txt 512 60 WSARB-1 6 8 60
Comparing output....
Testing failed, see differences below
Correct flow output
events in trace:
                  380
total disk reads: 218
total disk writes: 109
page faults:
                   218
err file:
Your flow output
events in trace: 380
total disk reads: 221
total disk writes: 109
page faults: 221
input file:
# gcc
```

R	0000b908
W	000066c8
	0000e44b
W	000074e7
W	0000dd35
R	0000fe78
R	0000d35d
	0000e31b
	0000690a
	00009287
	0000747b
	0000da84
	0000415a
	00000811
	0000d7cd
	00001739
	0000d134
	0000d165
	0000896d
	00004dc5
	0000f35c
	00006d7a
	00006779
	000036c9
	00001147
	00008bb4
	0000933e
	000045cb 0000316a
	00001e0d 0000be90
	00005690
	00007603
	00000f80b
	00001605 0000fe55
	00001e33
	00001070
	00006517
	00000f6ef
	00009e29
	0000688b
	00001a38
R	00006667
R	00001dd5
W	0000f4ad
W	00004717
R	0000bd93
R	0000642a
R	0000d023
R	0000045d
W	00009ce3
R	00001713
R	00001eba
W	00003156

W	0	0	0	0	1	3	b a	3	
R									
W							е		
W	0	0	0	0	8	3	С	9	
R							4		
W							6		
R							3		
W							3		
W	0	0	0	0	4	7	b	2	
W							d		
W	0	0	0	0	3	7	е	8	
R	0	0	0	0	3	d	8	9	
R							3		
R							6		
W							f		
R	0	0	0	0	8	а	7	5	
W							е		
W							е		
R							е		
W							b		
R							C		
W							0		
R							9		
R							е		
R							3		
W							5		
M	0	0	0	0	7	9	C	3	
M							5		
M							5		
R							0		
M							0		
M							f		
R							3		
W							5		
M							a		
R							0		
R							d		
R							f		
W							f		
R							4		
W							9		
W							4		
R			0					5	
R							f		
R							9		
W							е		
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W							0		
M							C		
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W	00						
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R	00						
W	00	00	8 (8	4	9	

M	000035d2
M	00006832
R	00004b4e
R	00005154
M	0000f623
R	00005b29
W	0000bca8
R	00007e7a
W	00005ec9
R	00008fed
N	0000fc91
R	000036b5
M	000000ba
M	0000a271
R	000086b5
R	00007df5
M	0000257b
R	00007ed3
N	0000c338
R	0000c204
N	0000cc97
N	00009ff8
R	0000aa91
M	0000093d
R	000069fa
M	0000d63d
R	00006a70
M	00008907
R	000051ce
M	00002ec5
M	00008c57
R	000065ca
R	000070ce
R	0000e6ae
R	0000c3f8
R R	00002a0e 0000c6c1
r R	0000273e
W	00002736
W	00003322
	00008827
W	00004ab4
R	0000b0f7
W	0000d990
R	0000a5dc
W	00001f7b
W	00006348
R	00005c40
R	0000dc1c
W	000029db
W	000056e2
R	0000631d
R	0000d311
M	0000c670

R	0	0	0	0	8	d	2	9	
W	0	0	0	0	6	b	2	3	
W	0	0	0	0	b	8	d	а	
R	0								
W	0	0	0	0	C	е	1	е	
W			0						
R			0						
W	0	0	0	0	1	4	0	4	
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W	0	0	0	0	f	d	f	2	
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W	0								
R	0	0	0	0	a	a	9	1	

R	0000e60f
R	0000b298
M	0000a41d
M	00000abf
R	00002e1e
R	000028ab
M	000079f7
M	0000b2b5
W	00002ff4
W	0000347e
W	00007029
R	00002b6d
R	0000f4fe
W	00008ae3
W R	000096e8 0000bbe2
W	00000bbe2
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W	00004c73
W	00003631 00004a52
R	0000feee
R	000070a1
R	0000d8ab
R	0000ef25
W	0000d8f2
W	0000e634
\overline{W}	00006374
W	00007b12
R	00005f50
M	0000bead
W	0000dbcc
W	00005b49
W	0000df24
W	00004be5
W	0000bbd0 00008b92
W R	00000038
R	00001e75
W	00001673
R	00000203
R	0000f2dc
R	000084d1
R	00006e69
R	00003a4a
W	0000b111
R	00007a79
R	00009847
R	00007f84
W	0000eaf5
R	000058ea
R	0000e53f
W	0000d714
R	00003e88

W 0000cf44 W 000052e4 W 00002af0 R 00002e95 R 00000352 W 0000555d W 0000a9cf W 000004fe W 00007036 R 000078f0 R 0000d112 W 0000878e R 000068d2 W 0000a2c9 R 00005008 W 00001ff0 W 0000dd0e W 0000376c W 0000a2d7 R 00005171 R 000076b8 R 000029d1 W 0000cf6d W 0000504b R 000095e7 R 00003cda W 00007132 W 0000142e R 0000ba51 W 00002687 W 00004063 W 0000263f R 00000713 W 0000b4ed R 000049d9 R 00004b1c R 00002139 R 0000abae W 0000ae2b R 0000b669 R 00009dd6 R 00007a28 W 00004b87 R 0000c2f6 R 0000a0ec W 00000827 W 000060f3 R 00005a07 W 00007cef W 00002b51 W 00005c14 R 0000d40f W 000025b1 R 00001622

```
R 000059a3
W 0000d543
Can not show the Details on the web page. Detail file is too large.
Test WSARB-2 1:
Test9 test:
./PageReplacement input.txt 1024 5 WSARB-2 4 3 4
Comparing output....
Testing successful; 2 marks
Test WSARB 2 2:
Test10 test:
./PageReplacement input.txt 512 60 WSARB-2 6 8 60
Comparing output....
Testing failed, see differences below
Correct flow output
events in trace: 260
total disk reads: 152
total disk writes: 58
page faults: 152
err file:
Your flow output
events in trace: 260
total disk reads: 151
total disk writes: 54
page faults: 151
input file:
# Email
R 000009a4
W 0000b31f
R 0000ecf7
W 0000afb2
R 00006f50
R 0000c386
W 0000a6b4
W 00000fe1
R 0000afa9
W 00009465
R 00008b5d
W 000059ed
R 0000076b
W 00001baf
R 00009ac3
W 00003d79
R 0000e1d3
W 00009987
R 000087ef
```

R	000090d4	
R	0000ada6	
R	0000d9d5	
	0000f33d	
R	000026fb	
W	00006354	
R	00007d35	
W	00003fed	
W	0000faec	
W	00000c23	
W	000096f8	
W	0000ce41	
R	0000790a	
R	00001dd0	
R	00002f40	
	00004076	
	00000f9f	
R	0000ac6f	
	00009669	
	00004ad1	
R	0000739b	
	00005f3c	
	00007d50	
	0000db84	
	00006d0c	
	0000010d	
	0000b464	
W	000099fd	
	0000543a	
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R R	000019b1 0000eaa4	
W	0000eaa4 0000ad89	
	0000ad69	
	000000000000000000000000000000000000000	
	00003102 0000cc75	
W	00000cc73	
	0000141d	
	00003be0	
	0000415	
	00007113	
W	00000677	
R	0000c80b	
W	00004103	
W	0000f0bc	
R	0000e3bf	
R	00001818	
R	0000c893	
W	00005f75	
W	0000dacd	
W	0000ddd8	
	000046cf	
W	000040d5	

R	00000109
R	0000fe46
W	0000f3db
W	0000a8e8
R	00007c63
M	0000b7b8
M	000038e3
W	000032f7
R	000036c0
W	0000db9b
M	000092ff
M	0000aac5
R	000098b8
M	0000cbdc
R	00005f81
W	00009ea2
M	0000dbbc
R	0000064d
M	00006631
R	0000ee9b
R	0000b193
R	00008c13
R	0000a096
W	00003637
W	0000fea2
M	000081d2
R	00007dd0
W	000009d1
R	0000cbc5
M	0000998d
R	0000bce5
R	0000eefb
R	0000c3d9
M	0000e9cc
R	00008865
M	00007e6f
M	00007b75
R	000063e5
M	0000e12c
W	00005a42
R	0000fae5
W	0000cce2
R	00009971
W	00007726
R	000014e3
R	000099bd
W	00001c50
W	00005ce3
R	0000ac81
W	00007849
R	00001b3f
R	0000387e
W	00002028
R	00003dc1

R	0								
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2	00000644
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2	000034a3
N	0000be8c
N	00001125
2	000095af
2	00008f2c
2	00007540
N	0000048a
N	0000755f
2	00002034
N	00005eaf
N	000067c9
N	00000084
2	0000c544
N	0000bb51
2	000073aa
2	0000f06a
N	0000307f
N	0000a093
2	0000af9e
N	00009aee
N	000085e2
N	000061fc
N	0000ffc6
N	000050ff
N	0000392d
N	00005613
2	0000cb9b
N	000081f8
2	0000a7d6
N	0000ccdb
N	00001f43
2	0000b92d
2	0000698f
2	00005764
N	00004f61
N	00003e11
N	0000c280
N	00004ce6
	0000bc23
	0000783d
N	000021c9
2	00001c03
N	0000aff2
3	000057c3
N	00005ea7
N	00005ea8
N	00007bc3
3	0000f40f
N	0000e97d
2	00007233
2	0000084a
N	000060e0

```
R 00009736
R 000075e8
R 000066ed
W 0000a46d
W 0000cdf0
R 0000e68c
R 000006d4
R 00007b16
W 00005c93
W 0000ddd3
R 00004f83
W 00000168
R 0000c84a
R 00000181
W 0000b635
R 0000c279
W 00002d4a
R 00003a29
R 000006a4
R 0000741f
W 00009abc
W 0000591d
R 00006f0a
W 00000e32
W 000052df
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```

SVN Log:

```
r701 | a1779153 | 2020-10-22 17:08:05 +1030 (Thu, 22 Oct 2020) | 1 line Changed paths:

M /2020/s2/os/assignment2/PageReplacement.cpp
A /2020/s2/os/assignment2/utilities.h

Adding WSARB-1 implementation and submitting for the test cases result

r700 | a1779153 | 2020-10-22 17:06:42 +1030 (Thu, 22 Oct 2020) | 1 line Changed paths:

D /2020/s2/os/assignment2/PageReplacement.h

Changing the file name

r699 | a1779153 | 2020-10-18 18:35:11 +1030 (Sun, 18 Oct 2020) | 1 line Changed paths:

M /2020/s2/os/assignment2/PageReplacement.cpp
M /2020/s2/os/assignment2/PageReplacement.cpp
M /2020/s2/os/assignment2/PageReplacement.h

Updating the codebase for test checks
```

Authorised by: Head of School, School of Computer Science

Maintained by: School of Computer Science

Last Updated: 8 Feb 2020

CRICOS Provider Number 00123M