

Script started on Mon 08 Apr 2013 12:18:38 PM CDT

ESC]0;cs441104@cs:~/os_part4**BEL**[cs441104@cs os_part4]\$ RUNME

INPUT REQUESTS

User 1:

Please enter a command: run

Priority 2 request added

User 2:

Please enter a command: run

Priority 2 request added

O/S:

Please enter a command: nop

No operation performed

PROCESS REQUEST

User 1 Running...

Load

Store

Load

User 1 process moved to shadow queue

	Primary	Shadow
One:		
Two:	2	1

User 2 process elevated to priority 1

	Primary	Shadow
One:	2	
Two:		1

Copying shadow queues

	Primary	Shadow
One:	2	
Two:	1	

INPUT REQUESTS

User 1:

You already have a process queued

User 2:
You already have a process queued

O/S:
Please enter a command: nopBS BSBS BSBS BSdmp

Priority 1 request added

PROCESS REQUEST

User 2 Running...

Load
Store
Load

User 2 process moved to shadow queue

	Primary	Shadow
One:	0	2
Two:	1	

Copying shadow queues

	Primary	Shadow
One:	0	2
Two:	1	

INPUT REQUESTS

User 1:
You already have a process queued

User 2:
You already have a process queued

O/S:
You already have a process queued

PROCESS REQUEST

Clock: 1

REGISTERS

A x0019
1 x0005
2 x0000
3 x0000
PC x00A7

CC x0000
IR x0905

MEMORY

24 x1007 LOCKED USER X
25 xF000 LOCKED USER X
26 x000A LOCKED USER X
156 x080A LOCKED USER X
157 x1006 LOCKED USER X
158 x0905 LOCKED USER X
159 x4100 LOCKED USER X
164 x0819 LOCKED USER X
165 x1006 LOCKED USER X
166 x0905 LOCKED USER X
167 x5100 LOCKED USER X
204 x1007 LOCKED USER X
205 xF000 LOCKED USER X
206 x0019 LOCKED USER X

DISK

0 x080A
1 x1006
2 x0905
3 x4100
4 x1007
5 xF000
100 x0819
101 x1006
102 x0905
103 x5100
104 x1007
105 xF000

SCHEDULING QUEUES

Primary Shadow
One: 0 2
Two: 1

DUMP COMPLETE

User 0 process removed from queue 1

Primary Shadow
One: 2
Two: 1

Copying shadow queues

Primary Shadow
One: 2

Two: 1

INPUT REQUESTS

User 1:

You already have a process queued

User 2:

You already have a process queued

O/S:

Please enter a command: nop

No operation performed

PROCESS REQUEST

User 2 Running...

Subtract Register

Store

Halt

Execution complete.

User 2 Page Table

Page		Frame
------	--	-------

0		41
---	--	----

164:	x0819
------	-------

165:	x1006
------	-------

166:	x0905
------	-------

167:	x5100
------	-------

1		51
---	--	----

204:	x1007
------	-------

205:	xF000
------	-------

206:	x0019
------	-------

207:	x0014
------	-------

User 2 process removed from queue 1

Primary	Shadow
---------	--------

One:

Two: 1

Copying shadow queues

Primary	Shadow
---------	--------

One:

Two: 1

INPUT REQUESTS

User 1:

You already have a process queued

User 2:

Please enter a command: nop

No operation performed

O/S:

Please enter a command: nop

No operation performed

PROCESS REQUEST

User 1 Running...

Add Register

Store

Halt

Execution complete.

User 1 Page Table

Page		Frame
0		39

156: x080A

157: x1006

158: x0905

159: x4100

1		6
---	--	---

24: x1007

25: xF000

26: x000A

27: x000F

User 1 process removed from queue 2

Primary Shadow

One:

Two:

Copying shadow queues

Primary Shadow

One:

Two:

INPUT REQUESTS

User 1:

Please enter a command: nop

No operation performed

User 2:

Please enter a command: nop

No operation performed

O/S:

Please enter a command: dmp

Priority 1 request added

PROCESS REQUEST

Clock: 8

REGISTERS

A x000F

1 x0005

2 x0000

3 x0000

PC x001A

CC x0001

IR xF000

MEMORY

24 x1007 UNLOCKED

25 xF000 UNLOCKED

26 x000A UNLOCKED

27 x000F UNLOCKED

156 x080A UNLOCKED

157 x1006 UNLOCKED

158 x0905 UNLOCKED

159 x4100 UNLOCKED

164 x0819 UNLOCKED

165 x1006 UNLOCKED

166 x0905 UNLOCKED

167 x5100 UNLOCKED

204 x1007 UNLOCKED

205 xF000 UNLOCKED

206 x0019 UNLOCKED
207 x0014 UNLOCKED

DISK

0 x080A
1 x1006
2 x0905
3 x4100
4 x1007
5 xF000
100 x0819
101 x1006
102 x0905
103 x5100
104 x1007
105 xF000

SCHEDULING QUEUES

Primary Shadow
One: 0
Two:

DUMP COMPLETE

User 0 process removed from queue 1

Primary Shadow
One:
Two:

Copying shadow queues

Primary Shadow
One:
Two:

INPUT REQUESTS

User 1:

Please enter a command: nop

No operation performed

User 2:

Please enter a command: nop

No operation performed

O/S:

Please enter a command: stp

Priority 1 request added

PROCESS REQUEST

Clock: 10

REGISTERS

A x000F
1 x0005
2 x0000
3 x0000
PC x001A
CC x0001
IR xF000

MEMORY

24	x1007	UNLOCKED
25	xF000	UNLOCKED
26	x000A	UNLOCKED
27	x000F	UNLOCKED
156	x080A	UNLOCKED
157	x1006	UNLOCKED
158	x0905	UNLOCKED
159	x4100	UNLOCKED
164	x0819	UNLOCKED
165	x1006	UNLOCKED
166	x0905	UNLOCKED
167	x5100	UNLOCKED
204	x1007	UNLOCKED
205	xF000	UNLOCKED
206	x0019	UNLOCKED
207	x0014	UNLOCKED

DISK

0	x080A
1	x1006
2	x0905
3	x4100
4	x1007
5	xF000
100	x0819
101	x1006
102	x0905
103	x5100
104	x1007
105	xF000

SCHEDULING QUEUES

```
-----  
      Primary      Shadow  
One:      0  
Two:
```

```
-----  
      DUMP COMPLETE  
-----
```

User 0 process removed from queue 1

```
      Primary      Shadow  
One:  
Two:
```

Copying shadow queues

```
      Primary      Shadow  
One:  
Two:
```

```
-----  
      MACHINE HALTED  
-----
```

```
ESC]0;cs441104@cs:~/os_part4BELL[cs441104@cs os_part4]$ exit  
exit
```

Script done on Mon 08 Apr 2013 12:20:02 PM CDT