Quiz #3 CSE3213 – Operating System, Section A, Time: 25 Min
Marks:10

Using the following page requests, compare the *Least Recently Used,* and *Optimal page replacement* algorithms (in terms of % of page faults). Assume that there are **04** memory frames in the main memory. Comment on the possible reasons of differences in performances (if there is).

Page requests:

23, 3, 16, 4, 11, 22, 23, 4, 22, 11, 5, 16, 2, 12, 22, 23, 27, 16, 23, 22, 4, 10, 23, 3, 16, 3, 23, 11, 22, 4, 23, 3, 16, 5

Quiz #3 CSE3213 – Operating System, Section A, Time: 25 Min
Marks:10

Using the following page requests, compare the *Least Recently Used,* and *Optimal page replacement* algorithms (in terms of % of page faults). Assume that there are **Five** memory frames in the main memory. Comment on the possible reasons of differences in performances (if there is).

Page requests:

11, 4, 90, 10, 15, 11, 2, 120, 0, 13, 7, 9, 7, 15, 0, 14, 7, 10, 21, 14, 11, 10, 120, 0, 90, 7, 15, 14, 19, 11

Quiz #3 CSE3213 – Operating System, Section B, Time: 25 Min
Marks:10

Using the following page requests, compare the *Least Recently Used,* and *Optimal page replacement* algorithms (in terms of % of page faults). Assume that there are **04** memory frames in the main memory. Comment on the possible reasons of differences in performances (if there is).

Page requests:

2, 3, 16, 14, 4 , 11, 22, 23, 4, 22, 11, 5, 16, 2, 12, 22, 23, 27, 16, 2, 22, 4, 10, 23, 3, 16, 3, 2, 11, 22, 14, 2, 16

Quiz #3 CSE3213 – Operating System, Section B, Time: 25 Min
Marks:10

Using the following page requests, compare the *Least Recently Used,* and *Optimal page replacement* algorithms (in terms of % of page faults). Assume that there are **Five** memory frames in the main memory. Comment on the possible reasons of differences in performances (if there is).

Page requests:

11, 5, 16, 2, 12, 22, 23, 27, 16, 2, 22, 4, 10, 23, 3, 16, 3, 2, 11, 22, 14, 2, 2, 3, 16, 14, 4 , 11, 22, 23, 4, 22, 11

Quiz #3 CSE3213 – Operating System, Section C, Time: 25 Min
Marks:10

Using the following page requests, compare the *Least Recently Used,* and *Optimal page replacement* algorithms (in terms of % of page faults). Assume that there are **05** memory frames in the main memory. Comment on the possible reasons of differences in performances (if there is).

Page requests:

4, 22, 11, 5, 16, 2, 12, 22, 23, 2, 4, 11, 22, 23, 27, 16, 2, 22, 4, 10, 23, 3, 16, 3, 2, 11, 22, 14, 2, 16, 11, 22, 23, 27

Quiz #3 CSE3213 – Operating System, Section C, Time: 25 Min
Marks:10

Using the following page requests, compare the *Least Recently Used,* and *Optimal page replacement* algorithms (in terms of % of page faults). Assume that there are **Four** memory frames in the main memory. Comment on the possible reasons of differences in performances (if there is).

Page requests:

11, 22, 23, 27, 16, 2, 22, 4, 10, 23, 14, 2, 16, 11, 22, 23, 4, 22, 11, 5, 16, 2, 12, 22, 23, 14 , 2, 11, 5, 27, 16, 22