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BATCH - B
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Q2) Reference string : 7 0 1 2 0 3 0 4 2 3 0 3 2 1 2 0 1 7 0 1.

f_3			1	1	X	3	3	B	2	2	2	2	2	2	2	X	7	7	7
f_2	0	0	0	0	0	0	0	B	3	3	3	3	3	X	0	0	0	0	0
f_1	7	7	X	2	2	2	X	4	4	X	0	0	B	B	1	1	1	1	1	1

* * * * Hit * Hit * * * * Hit Hit * Hit * Hit * Hit Hit

Page Hit = 8

Page Fault = 12

Q1)

(A) SED command stands for stream editor. It is used to perform function of file like searching, find and replace, insertion or deletion. Syntax: sed OPTIONS... [SCRIPT] [INPUTFILE...]

Eg:-

To delete a particular line say n as a example:

sed 'abc/unix/linux/' xyz.txt | sed 'a los /system/'

syntax: $ sed 'nd' filename.txt

Example: $ sed 'sd' kashyap.txt

Uniq is the tool that helps to detect the adjacent duplicate lines and also deletes the duplicate lines.

syntax : $ uniq [OPTION] [INPUT [OUTPUT]]

Eg :-

Using -c option : It tells the number of times a line was repeated.

(B) A process whose parent process no more exists i.e. either finished or terminated without waiting for its child process to terminate is called an orphan state. process.

Program to create child process:

```
# include <stdio.h>
int main ()
{
    Fork ();
    Printf (" Hello World");
    Return 0;
}
```