PRATICAL-10

AIM: shell script to determine whether given file exist or not.

Code:

Echo plz enter file name

Read a

If [-f $a]

Then

Echo file exists

Else

Touch $a

Fi

```
echo plz enter file name
read a
if [ -f $a ]
then
echo file exists
else
touch $a
fi
```

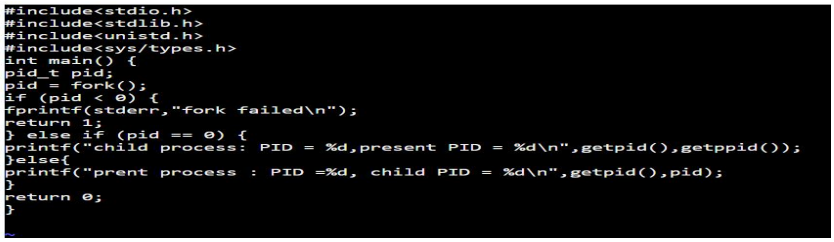
```
"t1.txt" 8L, 84B written
[root@localhost ~]# sh t1.txt
plz enter file name
t1.txt
file exists
[root@localhost ~]#
```

PRATICAL- 11

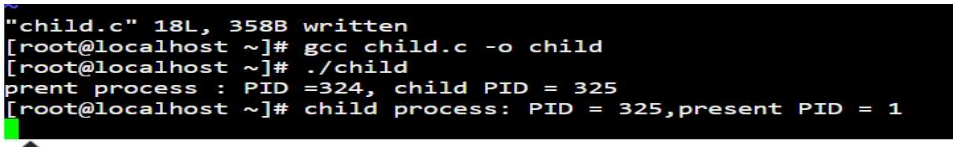
AIM: write a program for process creation using c (use GCC compiler).

Code:

```
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/types.h>
int main() {
    pid_t pid;
    pid = fork();
     if (pid < 0) {
        fprintf(stderr, "fork failed\n");
        return 1;
    } else if (pid == 0)
        printf("child process: PID = %d, Parent PID = %d\n", getpid(), getppid());
    } else {
        printf("parent process: PID = %d, child PID = %d\n", getpid(), pid);
    }
    return 0;
}
```



```
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<sys/types.h>
int main() {
pid_t pid;
pid = fork();
if (pid < 0) {
fprintf(stderr,"fork failed\n");
return 1;
} else if (pid == 0) {
printf("child process: PID = %d,present PID = %d\n",getpid(),getppid());
}else{
printf("prent process : PID =%d, child PID = %d\n",getpid(),pid);
}
return 0;
}
```



```
"child.c" 18L, 358B written
[root@localhost ~]# gcc child.c -o child
[root@localhost ~]# ./child
prent process : PID =324, child PID = 325
[root@localhost ~]# child process: PID = 325,present PID = 1
```

PRATICAL-12

AIM: Implementation of FSFC and round robin algorithms.