

EmbedUR - Linux Training Program

Module - 4

Assignment – 28 (Using File descriptors)

- 1) Try to append few lines to a file test.txt using file descriptor.
- 2) Display the content of the file using file descriptor.

Output:

```
aswinsankesh@aswin-linux:~$ gedit filedescriptor.sh &
[2] 3506
aswinsankesh@aswin-linux:~$ chmod +x filedescriptor.sh
[2]+  Done                  gedit filedescriptor.sh
aswinsankesh@aswin-linux:~$ cat > test.txt
this is a test file
aswinsankesh@aswin-linux:~$ ./filedescriptor.sh
enter line: this is a new line
content inside test file now
this is a test file
this is a new line
aswinsankesh@aswin-linux:~$
```

File:

```
1 #!/bin/bash
2
3 exec 3>> test.txt
4 read -p "enter line: " line
5 echo "$line" >&3
6 exec 3<&-
7
8 echo "content inside test file now"
9
10 exec 3< test.txt
11 cat <&3
12 exec 3<&-
13
14
```

Explanation:

exec => this is used to assign file descriptors for a specific file

exec 3<&- => used to close a file descriptor.