

## Redirecting Errors to a Log File:

Create a shell script that generates errors, such as division by zero or file not found. Use error redirection to capture these errors in a log file. Document the error redirection process and the contents of the log file.

`2>` is used for Error Redirection. Redirect stderr to a file using `2>`. For example, `command 2> log.txt` saves error messages to a file.

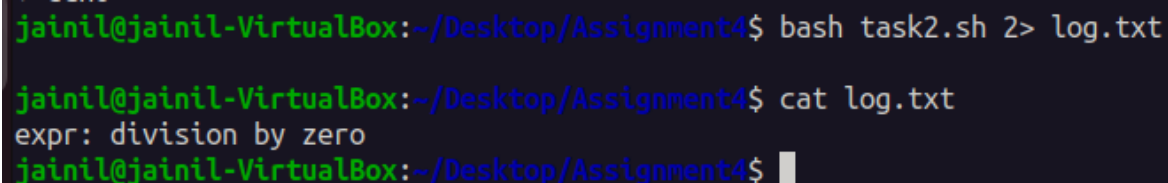
Script *task2.sh*:

```
#!/bin/bash

div() {
    echo $(expr $1 / $2)
}
div 10 0
```

command:

```
bash task2.sh 2> log.txt
cat log.txt
```



```
jainil@jainil-VirtualBox:~/Desktop/Assignment4$ bash task2.sh 2> log.txt
jainil@jainil-VirtualBox:~/Desktop/Assignment4$ cat log.txt
expr: division by zero
jainil@jainil-VirtualBox:~/Desktop/Assignment4$
```