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Subject → Operating System Lab

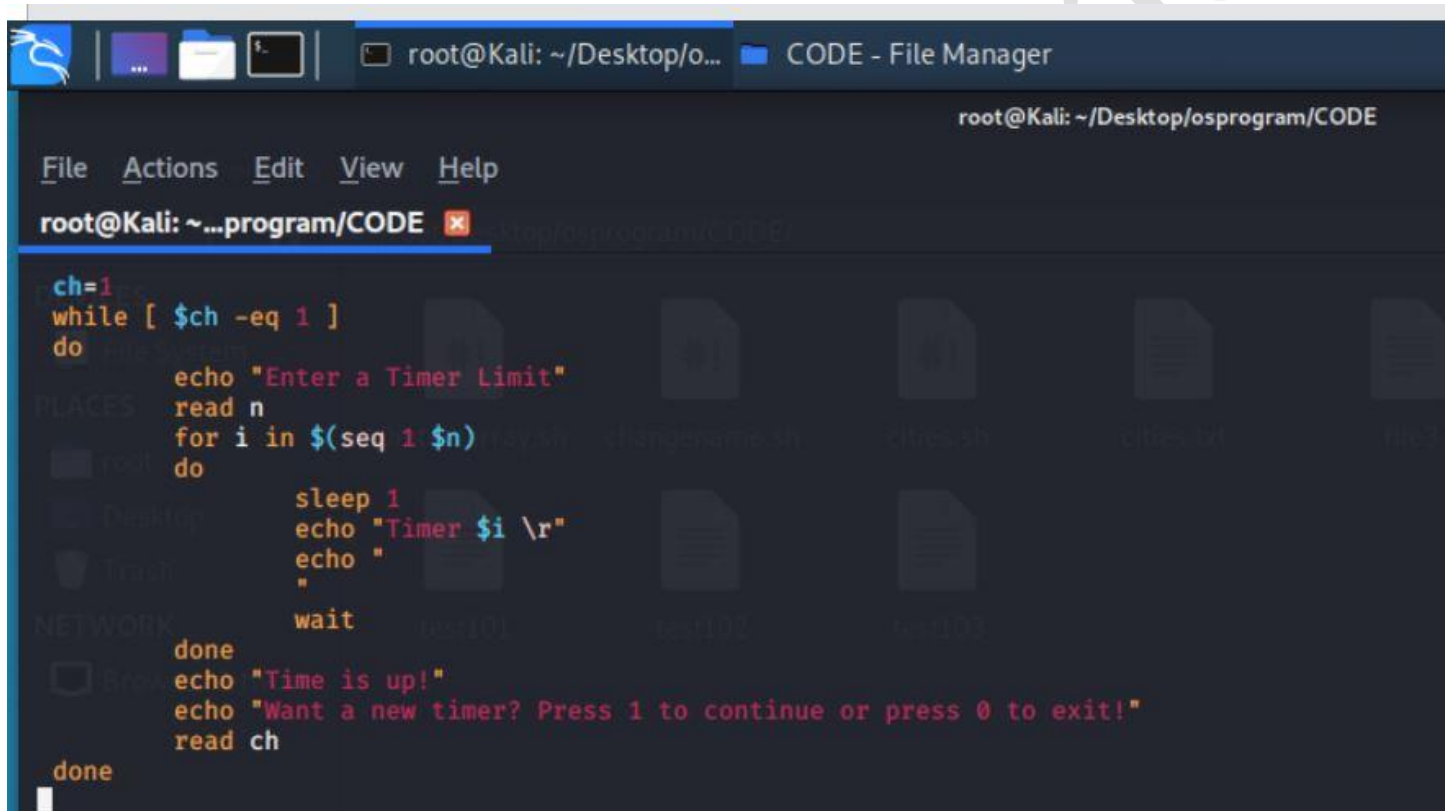
Subject Code → BCSC 0803

Subject Teacher → MRS. Nidhi

QUS 1 → Write a shell script to implement a timer.

CODE →

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The screenshot shows a terminal window with a dark background. The title bar at the top reads "root@Kali: ~/Desktop/o... CODE - File Manager". The terminal prompt is "root@Kali: ~/...program/CODE". The script content is as follows:

```
ch=1
while [ $ch -eq 1 ]
do
    echo "Enter a Timer Limit"
    read n
    for i in $(seq 1 $n)
    do
        sleep 1
        echo "Timer $i \r"
        echo " "
        wait
    done
    echo "Time is up!"
    echo "Want a new timer? Press 1 to continue or press 0 to exit!"
    read ch
done
```

OUTPUT →

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```
root@Kali: ~/Desktop/o... CODE - File Manager
root@Kali: ~/Desktop/osprogram/CODE
File Actions Edit View Help
root@Kali: ~/...program/CODE x
root@Kali:~/Desktop/osprogram/CODE# vi timer.sh
root@Kali:~/Desktop/osprogram/CODE# sh timer.sh
Enter a Timer Limit
2
Timer 1

Timer 2

Time is up!
Want a new timer? Press 1 to continue or press 0 to exit!
1
Enter a Timer Limit
10
Timer 1

Timer 2

Timer 3

Timer 4

Timer 5

Timer 6

Timer 7

Timer 8
```

```
Timer 8

Timer 9

Timer 10

Time is up!
Want a new timer? Press 1 to continue or press 0 to exit!
0
root@Kali:~/Desktop/osprogram/CODE#
```