

**Submitted By -: Rohan Kumar**

**Section -: C**

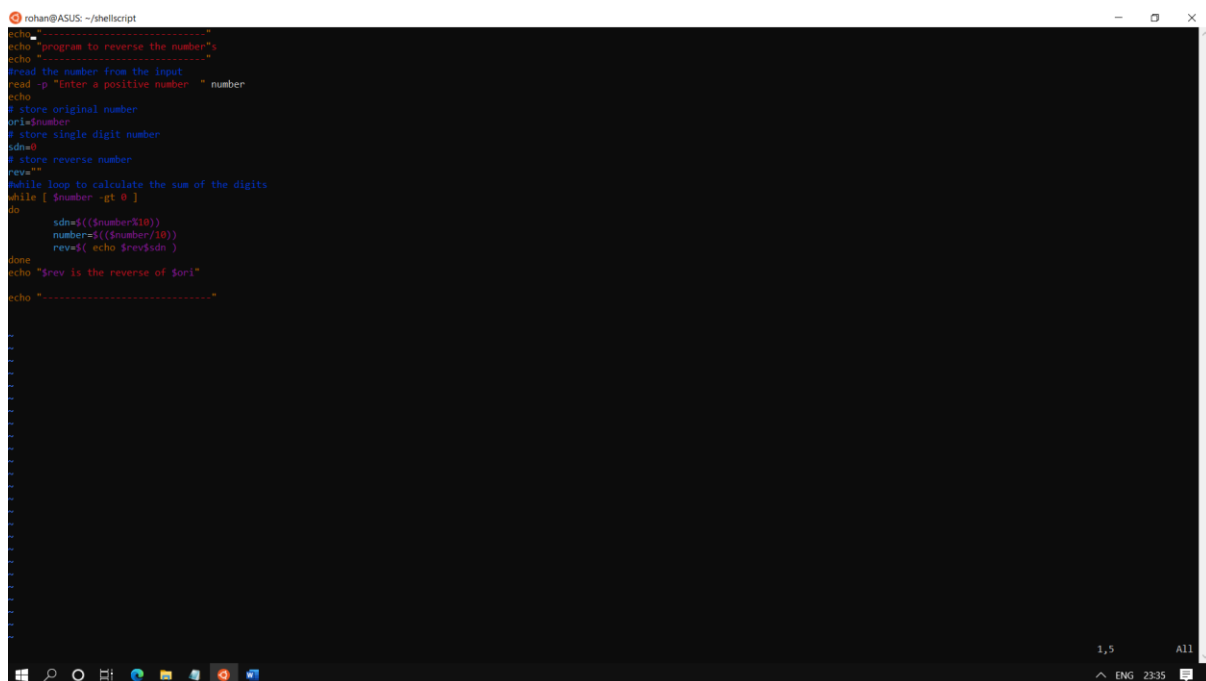
**Roll No. -: 52**

**Subject -: Operating System Lab (BCSC 0803)**

**Submitted To -: Ms. Nidhi**

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**Ques—Write a shell script to reverse the number**



```
rohan@ASUS: ~/jshellicript
#-----*
echo "program to reverse the number"s
echo "-----*"
#read the number from the input
read -p "Enter a positive number: " number
echo
# store original number
ori=$number
# store single digit number
sd=0
# store reverse number
rev=""
#while loop to calculate the sum of the digits
while [ $number -gt 0 ]
do
    sd=$((number%10))
    number=$((number/10))
    rev=$(( echo $rev$sd ))
done
echo "$rev is the reverse of $ori"
echo "-----*"
#-----*
```

The output:--

```
rohan@ASUS: ~/shellscript
-----
rohan@ASUS:~/shellscript$ vi assignment13.sh
rohan@ASUS:~/shellscript$ sh assignment13.sh
-----
program to reverse the numbers
-----
Enter a positive number  271137
731172 is the reverse of 271137
-----
rohan@ASUS:~/shellscript$
```