

```
ayushi@Ayushi: ~  
ayushi@Ayushi:~$ nano file1.c  
ayushi@Ayushi:~$ ./file1.c  
Enter number:  
8  
The factorial of given num is 40320  
ayushi@Ayushi:~$ nano file2.c  
ayushi@Ayushi:~$ ./file2.c  
Enter number:  
678  
678*1 = 678  
678*2 = 1356  
678*3 = 2034  
678*4 = 2712  
678*5 = 3390  
678*6 = 4068  
678*7 = 4746  
678*8 = 5424  
678*9 = 6102  
678*10 = 6780  
ayushi@Ayushi:~$ nano file3.c  
ayushi@Ayushi:~$ ./file3.c  
Enter number:  
4567  
Reversed number: 7654  
ayushi@Ayushi:~$ nano file4.c  
ayushi@Ayushi:~$ ./file4.c  
Enter a number :  
6  
Friday  
ayushi@Ayushi:~$ |
```

esac

```
echo "Enter number: "  
read num  
reversed=0  
  
while [ $num -gt 0 ];  
do  
    digit=$((num % 10))  
    reversed=$((reversed * 10 + digit))  
    num=$((num / 10))  
done  
  
echo "Reversed number: $reversed"
```

ayushi@Ayushi: ~

GNU nano 6.2




file2.c

```
echo "Enter number: "
read num
for i in {1..10}
do
echo "$num*$i = $((num*i))"
done
```

[Read 6 lines]

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10:43 23-10-2024

ayushi@Ayushi: ~

GNU nano 6.2file1.c

```
echo "Enter number: "
read num
factorial=1
for((i=1; i<=num; i++))
do
factorial=$((factorial*i))
done
echo "The factorial of given num is $factorial"
```

[Read 9 lines]

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^X Exit	^R Read File	^_\ Replace	^U Paste	^J Justify	^/ Go To Line	M-E Redo	M-6 Copy	^Q Where Was	M-W Next

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