mca@localhost:~

File　Edit　View　Search　Terminal　Help

```
[mca@localhost ~]$ vi amstrong.sh
[mca@localhost ~]$ chmod +x amstrong.sh
[mca@localhost ~]$ ./amstrong.sh
Enter Number
123
./amstrong.sh: line 6: [: too many arguments
./amstrong.sh: line 13: [: too many arguments
123 is not an Amstrong Number
[mca@localhost ~]$ vi amstrong.sh
[mca@localhost ~]$ ./amstrong.sh
Enter Number
153
./amstrong.sh: line 6: [: too many arguments
./amstrong.sh: line 13: [: too many arguments
153 is not an Amstrong Number
[mca@localhost ~]$ vi amstrong.sh
[mca@localhost ~]$ chmod +x amstrong.sh
[mca@localhost ~]$ ./amstrong.sh
Enter a number:
153
It is an Armstrong Number.
[mca@localhost ~]$ ./amstrong.sh
Enter a number:
456
It is not an Armstrong Number.
[mca@localhost ~]$
```

mca@localhost:~

File Edit View Search Terminal Help

```bash
#!/bin/bash
echo "Enter a number: "
read c
x=$c
sum=0
r=0
n=0
while [ $x -gt 0 ]
do
r=`expr $x % 10`
n=`expr $r \* $r \* $r`
sum=`expr $sum + $n`
x=`expr $x / 10`
done
if [ $sum -eq $c ]
then
echo "It is an Armstrong Number."
else
echo "It is not an Armstrong Number."
fi
```

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"amstrong.sh" 21L, 273C   20,2   All