## 1. vi

```
Thunderbird Mail alBox:~/Desktop$ vi raman.sh user@user-VirtualBox:~/Desktop$ vi biod.sh user@user-VirtualBox:~/Desktop$ cat vi biod.sh cat: vi: No such file or directory

echo enter your name read sujithj echo enter college name read amal jyothi college echo Name:$name echo college:$amal jyothi college
```

```
Jser@user-VirtualBox:~/Desktop$ ls -l biod.sh

Jser@user-VirtualBox:~/Desktop$ chmod +x biod.sh

Jser@user-VirtualBox:~/Desktop$ ls -l biod.sh

Jser@user-VirtualBox:~/Desktop$ ls -l biod.sh

Jser@user-VirtualBox:~/Desktop$ ./biod.sh

Jser@user-VirtualBox:~/Desktop$ ./biod.sh

Jenter wour name

Jenter college name

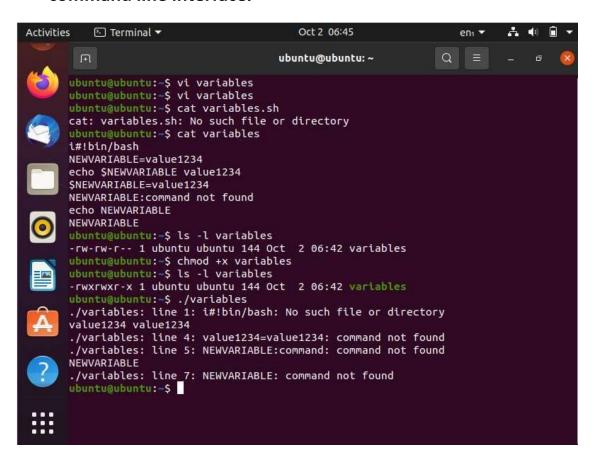
Jamal jyothi college

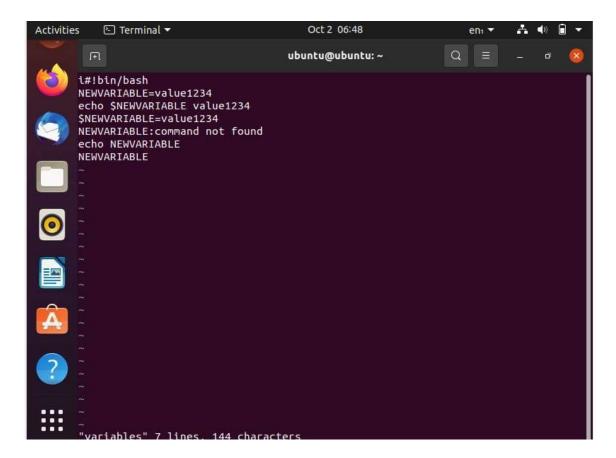
Name:

Jollege:Jamal jyothi college
```

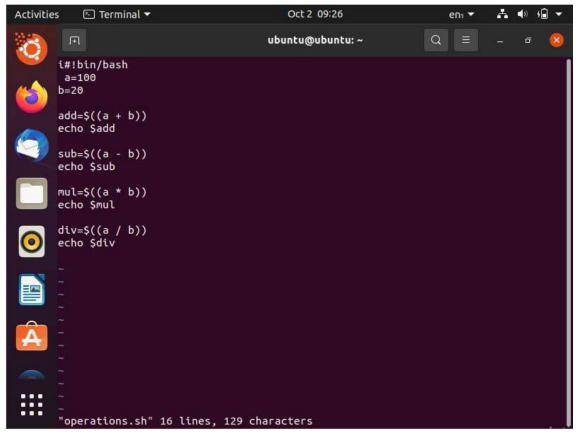
```
ubuntu@ubuntu:~$ ./profile.sh
./profile.sh: line 1: i#!/bin/bash: No such file or directory
Enter your name
sruthy
Enter college name
Amal Jyothi College
Name:
college: Amal Jyothi College
ubuntu@ubuntu: $ vi profile.sh
ubuntu@ubuntu: $ ./profile.sh
./profile.sh: line 1: i#!/bin/bash: No such file or directory
Enter your name
Sruthy
Enter college name
Amal Jyothi College
Name:
college:Amal Jyothi College
ubuntu@ubuntu:~$ vi profile.sh
ubuntu@ubuntu:~$
```

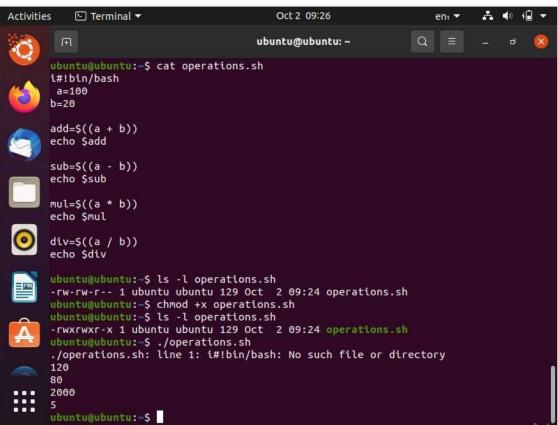
2. Write a shell script to set a value for a variable and display it on command line interface.



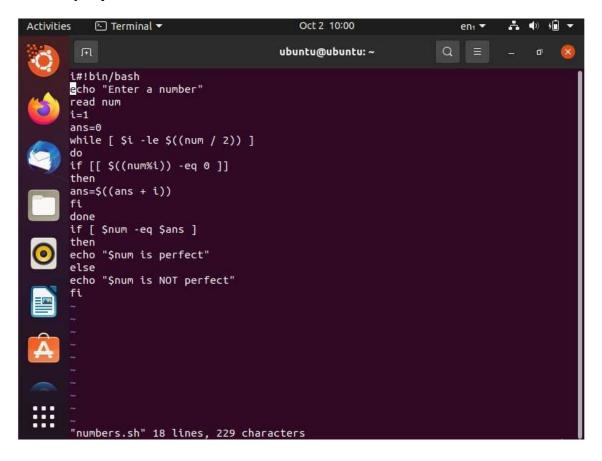


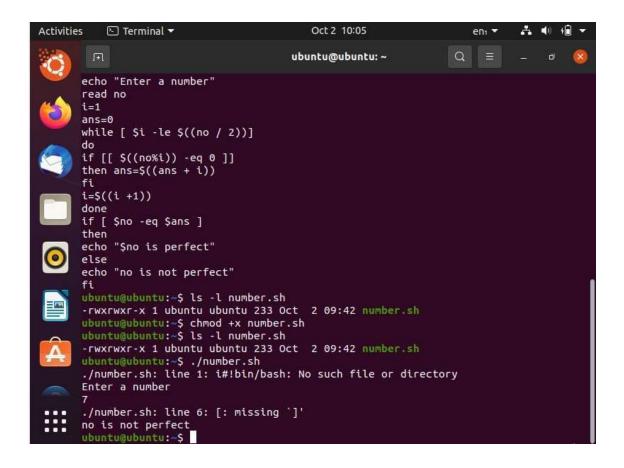
3. Write a shell script to perform addition, substration, multiplication, division with two numbers that is accepted from user.



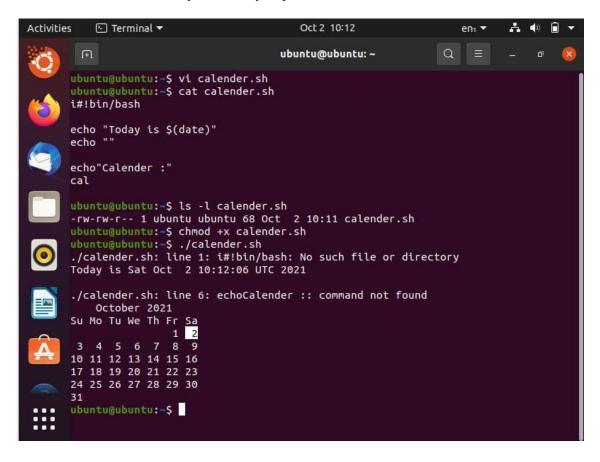


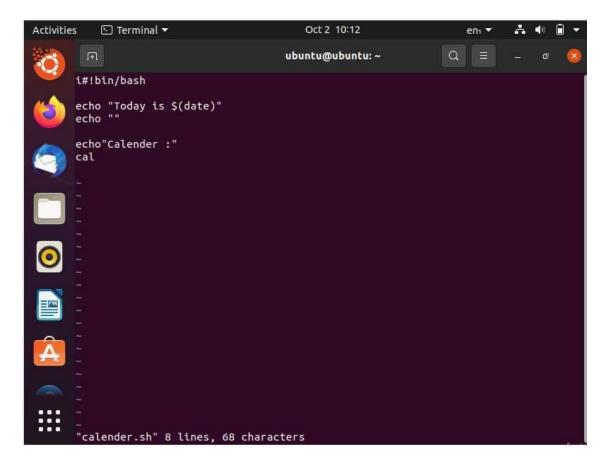
4. Write a shell script to check the value of a given number and display whether the number is found or not.



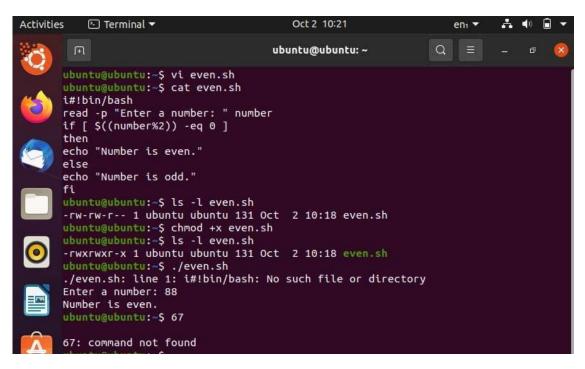


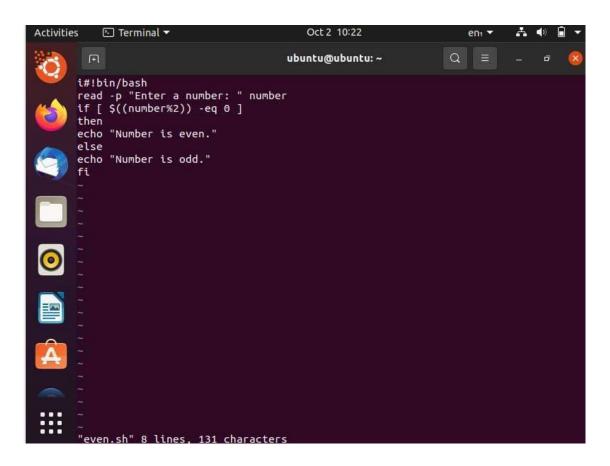
## 5. Write a shell script to display current date, calendar.



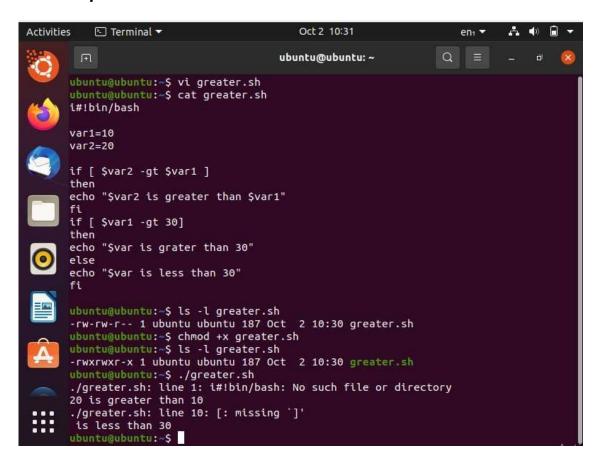


## 6. Write a shell script to check a number is even or odd.





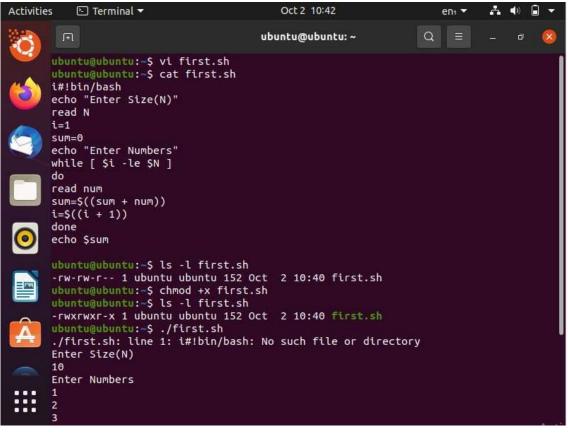
7. Write a shell script to check a number is greater than, less than or equal to another number.

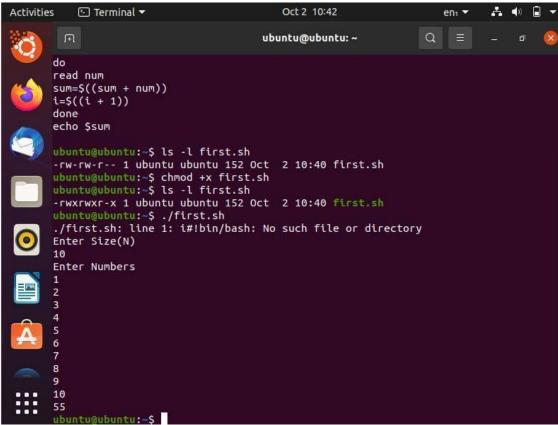


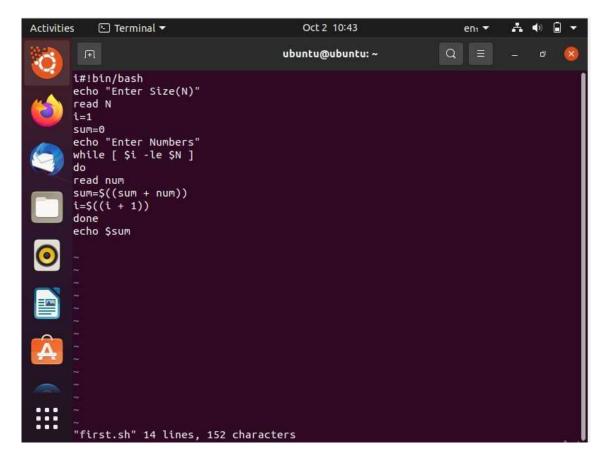
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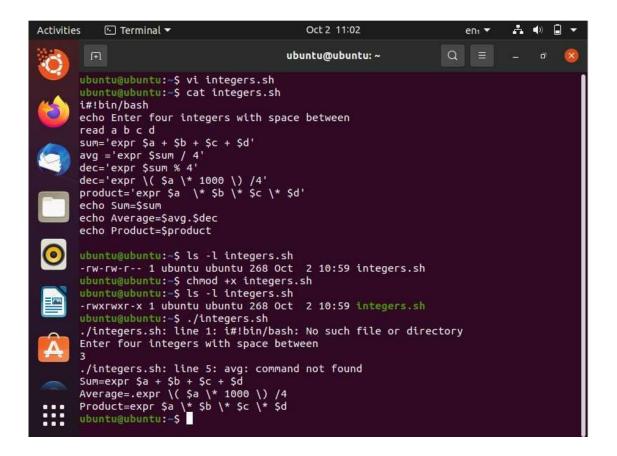
8. Write a shell script to find sum of first 10 numbers.

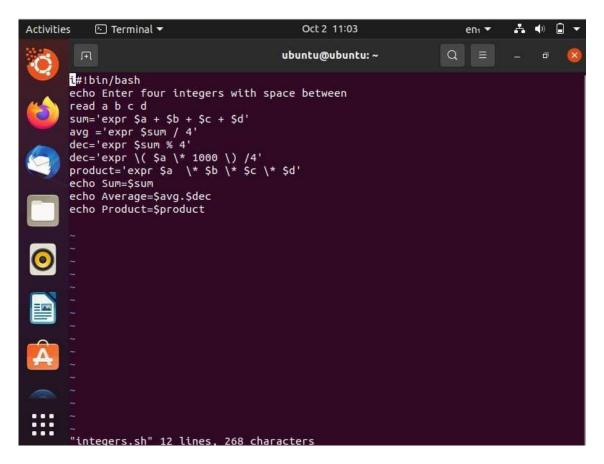




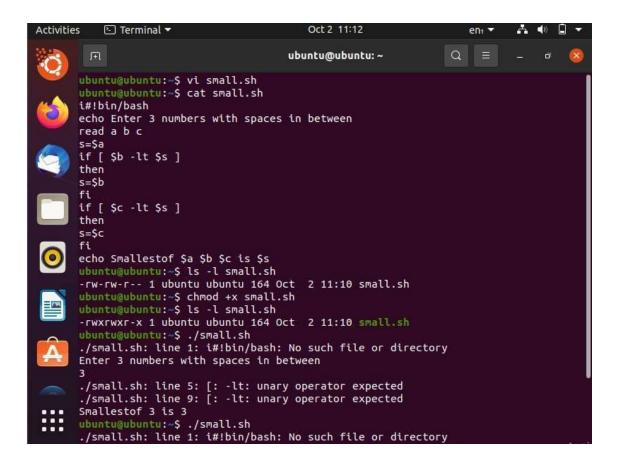


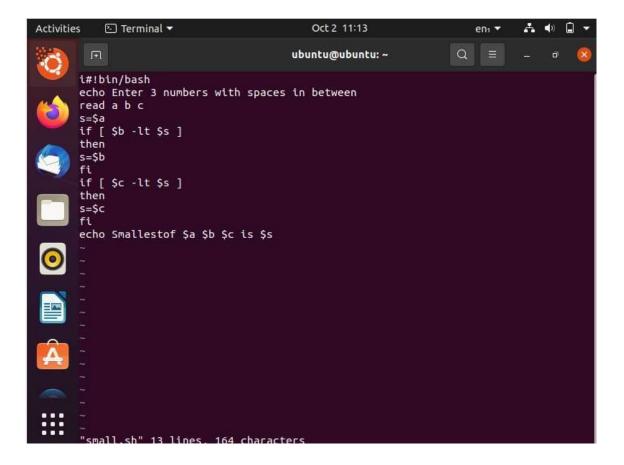
9. Write a shell script to find the sum, average and the product of the four integers entered.



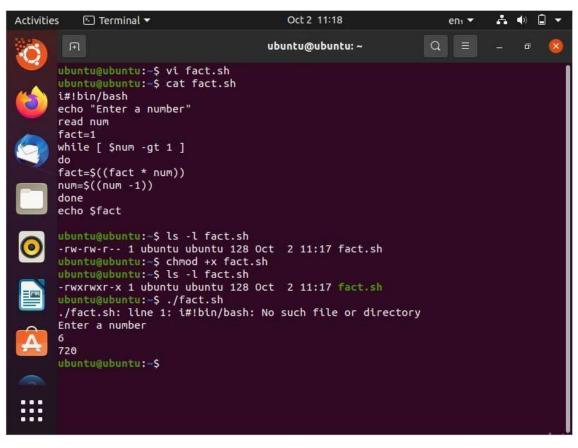


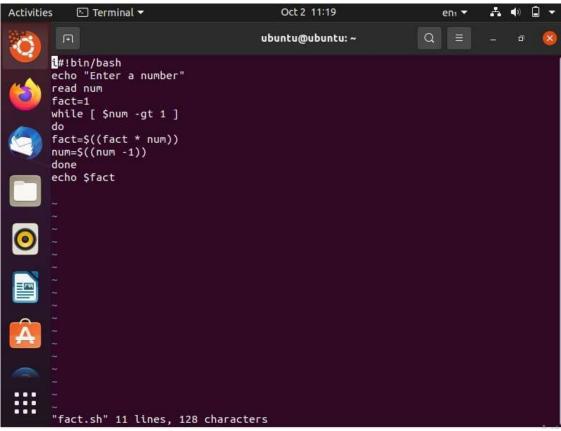
10. Write a shell program to find the smallest of three numbers.



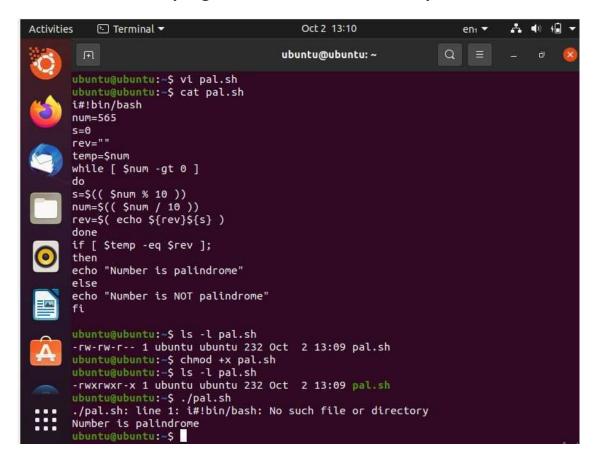


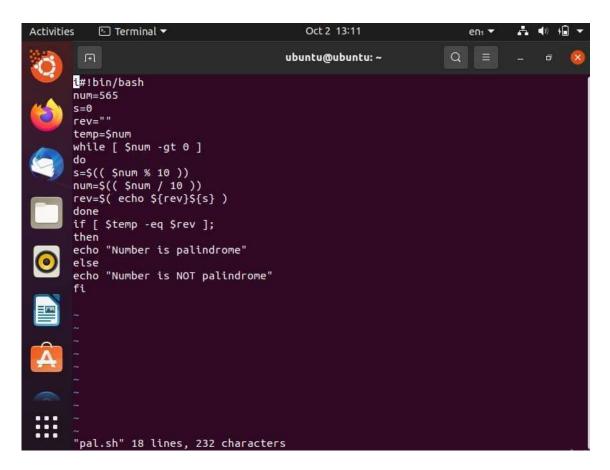
11. Write a shell program to find factorial of given number.



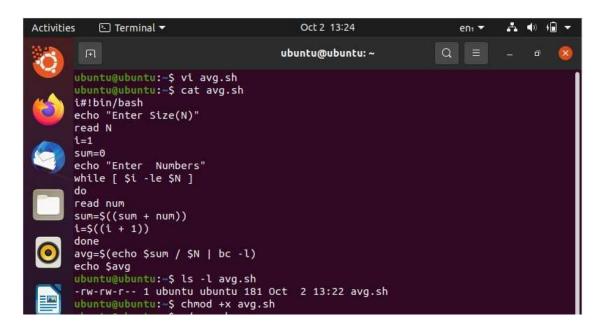


## 12. Write a shell program to check a number is palindrome or not.





13. Write a shell script to find the average of the numbers entered in command line.



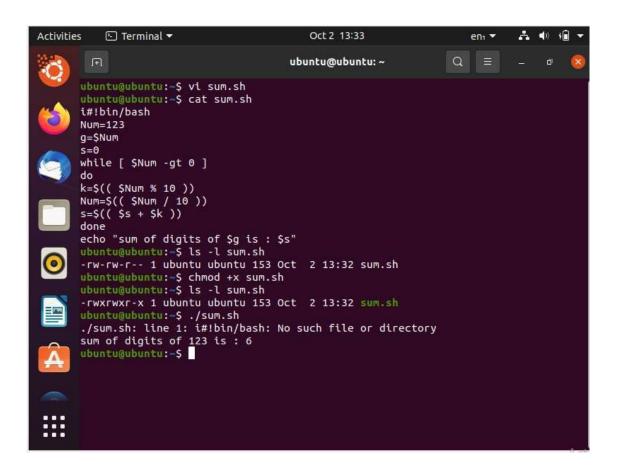
```
ubuntu@ubuntu:~$ ./avg.sh
  ./avg.sh: line 1: i#!bin/bash: No such file or directory
  Enter Size(N)
  Enter Numbers
  2
  3.666666666666666666
  ubuntu@ubuntu:~$
Activities

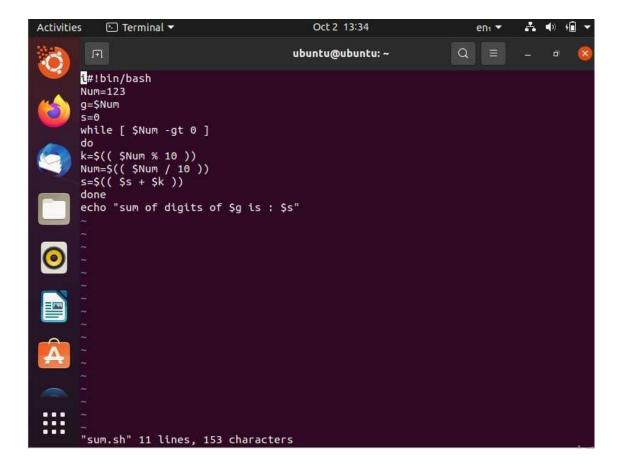
    Terminal ▼

                                                Oct 2 13:26
                                                                             en₁ ▼
                                                                         Q =
                                            ubuntu@ubuntu: ~
         Install Ubuntu 20.04.2.0 LTS
       i#!bin/bash
       echo "Enter Size(N)"
read N
       i=1
       sum=0
       echo "Enter Numbers"
while [ $i -le $N ]
       read num
       sum=$((sum + num))
i=$((i + 1))
       done
       avg=$(echo $sum / $N | bc -l)
       echo $avg
```

14. Write a shell program to find the sum of all the digits in a number.

"avg.sh" 14 lines, 181 characters





15. Write a shell program to check whether given year is leap year or not.

