

Practical No. 07

Aim: Write any two Shell Script program in VI editor.

```
Ubuntu 64-bit X
~/bin/sh
echo -n "Enter First number: "
read a
echo -n "Enter second number: "
read b
c=`expr $a + $b`
echo "sum: $c"
```

```
dhondpratyay@ubuntu:~$ ./add.sh
Enter First number: 45
Enter second number: 65
sum: 110
```

```
Ubuntu 64-bit X
echo -n "Enter your age: "
read age
if [ $age -gt 45 ]
then
    echo "You are in older ages"
elif [ $age -gt 21 ]
then
    echo "You are in middle ages"
else
    echo "You are young!"
fi
```

```
Ubuntu 64-bit X
dhondpratyay@ubuntu:~$ ./age.sh
Enter your age: 18
You are young!
dhondpratyay@ubuntu:~$ ./age.sh
Enter your age: 46
You are in older ages
```


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Aim:

Write any two Shell Script Programs in VI editor.

Theory:

What is shell script?

- A shell script is a computer program designed to be run by the unix ~~shell~~ ~~shell~~ shell, a command-line interpreter.
- The various dialects of shell scripts are said to be scripting languages.
- Typical operations performed by shell script include file manipulation, program execution and printing text.

What is vi editor?

- VI is a screen oriented, text editor originally created for UNIX operating system.
- VI editor can be used for editing configuration files, create a grocery list, write a letter home to ask for money, create a new script or even to edit a source code.
- Syntax:

vi Filename

code:

```
> $ vi add.sh
```

```
#!/bin/sh
```

```
echo -n "Enter first number: "
```

```
read a
```

```
echo -n "Enter second number: "
```

```
read b
```

```
c = `expr $a + $b`
```

```
echo "Sum: $c"
```


Conclusion :

Hence, I wrote two shell script programs on VI editor and executed them successfully.

code 2: >\$vi age.sh

```
echo -n "Enter your age: "  
read age  
if [ $age -gt 45 ]  
then  
    echo "You are in older age group"  
elif [ $age -gt 21 ]  
then  
    echo "You are in middle age group"  
else  
    echo "You are young!"  
fi
```

Conclusion:

Hence, I wrote two shell script programs on VI editor, and executed them successfully.