

```
GNU nano 3.2 stvowel.sh

#!/bin/bash
echo "ENter String:"
read str
len=$(expr length $str)
count=0
while [ $len -gt 0 ]
do
    ch=$(echo $str | cut -c $len)
    case $ch in
        [aeiouAEIOU] )
            count=$((count + 1))
            echo $ch
            ;;
        esac
    len=$(( $len - 1 ))
done
echo $count
```

[Read 19 lines]

| | | | | | | |
|--------------------|---------------------|--------------------|----------------------|--------------------|----------------------|-----------------|
| ^G Get Help | ^O Write Out | ^W Where Is | ^K Cut Text | ^J Justify | ^C Cur Pos | M-U Undo |
| ^X Exit | ^R Read File | ^_ Replace | ^U Uncut Text | ^T To Spell | ^L Go To Line | M-E Redo |

```
GNU nano 3.2 positive.sh
#!/bin/bash

echo "Enter number:"
read num
if [ $num -lt 0 ]
then
    echo "Negative"
elif [ $num -gt 0 ]
then
    echo "Positive"
else
    echo "Zero"
fi
```

[Read 13 lines]

| | | | | | | |
|--------------------|---------------------|--------------------|----------------------|--------------------|----------------------|-----------------|
| ^G Get Help | ^O Write Out | ^W Where Is | ^K Cut Text | ^J Justify | ^C Cur Pos | M-U Undo |
| ^X Exit | ^R Read File | ^I Replace | ^U Uncut Text | ^T To Spell | ^_ Go To Line | M-E Redo |

```
GNU nano 3.2      fibo.sh

#!/bin/bash
echo "Enter limit:"
read lim
n1=0
n2=1
var=0
echo "Fibonacci series is"
echo "$n1"
echo "$n2"
while [ $var -lt `expr $lim - 2` ]
do
n3=`expr $n1 + $n2`
n1=`expr $n2`
n2=`expr $n3`
var=`expr $var + 1`
echo "$n3"
done

[ Read 17 lines ]
^G Get Help      ^O Write Out
^X Exit          ^R Read File
^W Where Is      ^M Replace
^K Cut Text      ^U Uncut Text
^J Justify       ^T To Spell
^C Cur Pos      ^G Go To Line
^M-U Undo       ^M-E Redo
```