1BM18CS153 Vinay Kumar

Lab 5 DATE: PAGE:

```
echo "student mark list"
echo "Enter the student name"
read name
echo "Enter the USN"
read rno
echo "Enter the mark1"
read m1
echo "Enter the marks2"
read m2
echo "Enter the mark3"
read m3
echo "Enter the Marks4"
read m4
echo "Enter the Marks5"
read m5

tot=$(expr $m1 + $m2 + $m3 + $m4 + $m5)
avg = $(expr $tot / 5)

echo "Student marks list"
echo "Student Name" : $name"
echo "USN : $rno"
echo "marks1 : $m1"
echo "marks2 : $m2"
echo "marks3 : $m3"
echo "marks 4 : $m4"
echo "Marks 5 : $m5"
echo "Total : $tot"
echo "Average % $avg"
```

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```
if [$m1 -ge 35] && [m2 -ge 35] && [$m3 -ge 35]
   && [$m4 -ge 35] && [$m5 -ge 35] ;
then
   echo "Result : pass"

elif [$avg -ge 90]
then
   echo "Grade S"

elif [$avg -ge 80]
then
   echo "Grade A"

elif [$avg -ge 70]
then
   echo "Grade B"

elif [$avg -ge 60]
then
   echo "Grade C"

elif [$avg -ge 50]
then
   echo "Grade D"

elif [$avg -ge 35]
   echo "Grade E"

else
   echo "Result : fail"
fi
```

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(2) fibonacci series

```
echo "program to find fibonacci series"
echo "How many terms to be generated"
read n
x=0
y=1
i=2
echo "fibonacci series upto $n terms"
echo "$x"
echo "$y"
while [$i -lt $n]
do
    i=`expr $i + 1`
    z=`expr $x + $y`
    echo "z"
    x=$y
    y=$z
done
```

(3) count no vowels in a string

```
echo "enter a string"
read st
len=`expr $st | wc -c`
len=`expr $len -1`
count=0
while [ $len -gt 0]
do
ch=`expr $st | cut -c $len`
case $ch in
```

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[aeiou, AEIOU]) count = `expr $count+1`;;
esac
len `expr $len -1`
done
echo "Number of vowels is $count"