8. ① Shell script to print the combination of numbers 123

```
echo " combaination of number
i=1
j=1
k=1
for i in 123
do
for j in 123
do
for k in 123
do
        echo $i $j $k
done
done
done
```

o/p:-

111	211	311
112	212	312
113	213	313
121	221	321
122	222	322
123	223	333
131	231	331
132	232	332
133	233	333

40 to 50
50 to 60   First
60 to 70   first +
70 to 80   75 - 100 dis

1. Shell script to print the combination of
   nos - 1 2 3
2. Shell script to display the pass class of a
   student
3. Shell script to find fibinacci of upto n.

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2) Shell script to display pass of a
   class of a student.

   echo " pass class of a student "
   echo " Enter the marks of a student "
   read m
   if [$m -ge 40] && [$m -lt 50]
   then
        echo " pass "
   elif [$m -ge 50] && [$m -lt 60]
   then
        echo " first "
   elif [$m -ge 60] && [$m -lt 75]
   then
        echo " second "
   elif [$m -ge 75] && [$m -le 100]
   then
        echo " distinction "
   fi

output

75
distinction

3) Shell script to find fibonacci series up

```
echo " fibonacci of a number"
echo " Enter the number"
read n
i=0
j=1
sum=0
echo "0"
echo "1"
while [ $n -gt 0 ]
do
        sum=$(( i + j ))
        i=$(( j ))
        j=$(( sum ))
        n=$(( n-1 ))
echo "$sum"
done
```

output: Enter the value of n.

6
0
1
1
2
3
5
8
13.

O/P ✓
5/12/22