

Lab - 06

1. Print all combinations of 1, 2, 3

```
i=1
```

```
j=2
```

```
k=3
```

```
for x in $i $j $k
```

```
do
```

```
for y in $i $j $k
```

```
do
```

```
for z in $i $j $k
```

```
do
```

```
echo "$x $y $z"
```

```
done
```

```
done
```

```
done
```

2. To display pass class of student

```
echo "Enter percentage : "
```

```
read p
```

```
if [ $p -gt 70 ] && [ $p -le 100 ]
```

```
then
```

```
echo "Distinction"
```

```
fi
```

```
if [ $p -gt 60 ] && [ $p -le 70 ]
```

```
then
```

```
echo "First Class"
```

```
fi
```

```
if [ $p -gt 40 ] && [ $p -le 60 ]
```

then

```
echo "second class"
```

```
fi
```

```
if [ $p -gt 40 ] && [ $p -le 50 ]
```

then

```
echo "Pass"
```

```
fi
```

```
if [ $p -le 40 ]
```

then

```
echo "fail"
```

```
fi
```

O/P:

Enter percentage : 45

Pass.

3. To find fibonacci series up to n.

```
echo "Enter h"
```

```
read h
```

```
a = 0
```

```
b = 1
```

```
i = 0
```

```
while [ $i -le $h ]
```

```
do
```

```
echo "$a"
```

```
fn = $(($a+$b))
```

```
a = $b
```

```
b = $fn
```

```
i = $(($i+1))
```

```
done echo "$a"
```

O/P:

Enter h : 7

0
1
1
2
3
5
8

13 21