

## Practice 7 – Decision Making 1

**Task 01:** Write missing code, such that output of last print statement should be in order:

```
x1 = randint(1,1000)
x2 = randint(1,1000)
x3 = randint(1,1000)
print (x1, x2, x3)      #numbers may be in order or out of order
#write if-else logic here
```

```
print (x1, x2, x3)      #numbers should be in order
```

**Sample Run:**

```
Numbers before condition: 23      459      169
Numbers after condition: 23      169      459
```

```
Numbers before condition: 823     459      669
Numbers after condition:459      669      823
```

```
Numbers before condition: 323     159      669
Numbers after condition:159      323      669
```

**Task 02:** Extend task 1 for four values?

**Task 03:**Complete program, check and print, whether numbers are in order or not:

```
x1 = randint(1,1000)
x2 = randint(1,1000)
x3 = randint(1,1000)
print (x1, x2, x3)      #numbers may be in order or out of order
#complete the program
```

**Sample Run:**

```
Numbers: 23      459      169
Numbers are not in order
```

```
Numbers: 823     459      669
Numbers are not in order
```

```
Numbers: 123     459      669
Numbers are in order
```

**Task 04:** Input marks of two numbers, check and print 'SAME', 'ALMOST SAME' and 'DIFFERENT'. If both marks are equal, print 'SAME'. If both marks are different but have same grades, print 'ALMOST SAME',otherwise print 'DIFFERENT' [Use grade table shared in practice 6]

**Sample Run:**

```
Marks 1: 72
Marks 1: 73
ALMOST SAME
```

```
Marks 1: 73
Marks 1: 73
SAME
```

```
Marks 1: 72
Marks 1: 77
DIFFERENT
```