



Homework # 13

**01286121 Computer Programming
Software Engineering Program,
Department of Computer Engineering,
School of Engineering, KMITL**

By

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Output:

1#

```
1
. 11
. . 111
. . 112
. 12
. . 121
. . . 122
. . . . 1221
. . . . 1222
```

2#

```
0,0,1,0,3,0,1,0,7,0,1.
```

3.1#

```
0,0,1,0,3,0,1,0,7,0,1.
(1, 2) (1, 3) (2, 1) (2, 3) (3, 1) (3, 2)
```

3.2#

```
(1, 2, 3) (1, 2, 4) (1, 3, 2) (1, 3, 4) (1, 4, 2) (1, 4, 3) (2, 1, 3) (2, 1, 4) (2, 3, 1) (2, 3, 4) (2, 4, 1) (2, 4, 3) (3, 1, 2) (3, 1, 4) (3, 2, 1) (3, 2, 4) (3, 4, 1) (3, 4, 2) (4, 1, 2) (4, 1, 3) (4, 2, 1) (4, 2, 3) (4, 3, 1) (4, 3, 2)
```

3.3#

```
(1, 2, 3) (1, 3, 2) (2, 1, 3) (2, 3, 1) (3, 1, 2) (3, 2, 1)
```

5#

