Write all 3 representations for the following graph:
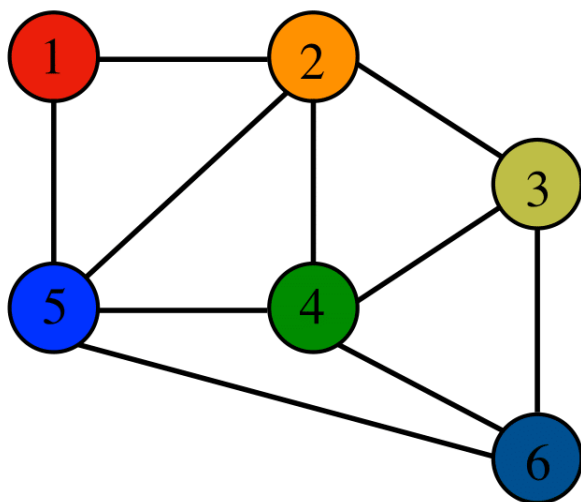

1input:
6 10
1 2
1 5
2 3
2 4
2 5
3 2
3 4
3 6
4 2
4 3
4 5
4 6

Adjacency Matrix:
================

```
    1 2 3 4 5 6
1 |     1     1
2 | 1     1 1
3 |   1     1   1
4 |   1 1     1
5 | 1 1     1   1
6 |       1 1 1
```

Edge list:
========

```
   1        2       3       4       5       6
----------------------------------------------------------
_____|_____|_____|_____|_____|_____|
 {1,2}   {1,5}  {2,3}  {2,4}  {2,5}  {3,2} .....
```

Adjacency List:
================

```
   1        2       3       4       5       6
----------------------------------------------------------
_____|_____|_____|_____|_____|_____|
 2       3      2      2      1      3
 5       4      4      3      2      4
         5      6      5      4      5
         1             6      6
```