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The Number of Vertices:
6

The Number of edges:
6

To find the cycle, Enter a pair of vertices which are vert(x) and Vert (y)
Edge: 1
vert(x) :0
vert(y) :1

Edge: 2
vert(x) :1
vert(y) :4

Edge: 3
vert(x) :1
vert(y) :2

Edge: 4
vert(x) :4
vert(y) :5

Edge: 5
vert(x) :2
vert(y) :3

Edge: 6
vert(x) :0
vert(y) :3

The cycles for this graph are:
0,1,3,
1,0,4,2,
2,1,3,
3,2,0,
4,1,5,
5,4,
The number of components in the graph is 1
This graph has a cycle!

...Program finished with exit code 0
Press ENTER to exit console.
```