Adjacency List
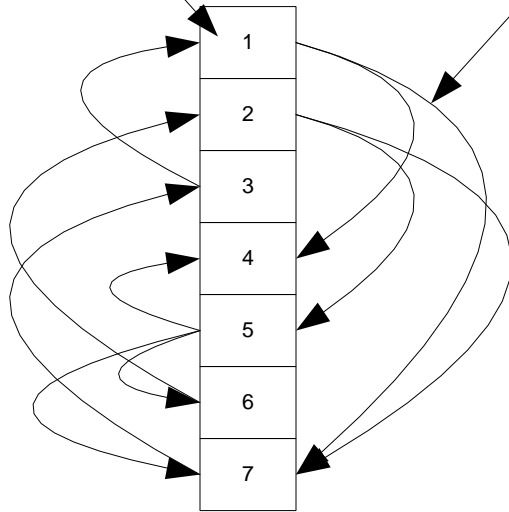
Directed Graph

```
template <class V, class E>
class Vertex {
 // interface
private:
 V vt;
 vector< pair<size_t, E>  > edges;
 // first is index of child vertex in adjList
 // second is instance of edge type E
};
```

Pointers are for visualization only.
Children are found at given index of
vector

1
2
3
4
5
6
7

adjList:
vector< vertex<V,E> >