* public class WeightedGraph { // Not good choice for BFS homework
  + private int V;
  + private Set<Edge>[] adj;
    - Java’s Set implementation is unordered.
    - Set structure guarantees that there are no duplicates.
    - “A bag of items”
    - adj[i] stores all edges connecting vertex i.
  + public Graph (int V)
    - this.V = V;
    - adj = (Set<Edge>[]) new HashSet[V];
      * HashSet is treated like a child class of Set.
    - For (int v = 0; v < V; v++)
      * Adj[v] = new HashSet<Edge>();
    - } // end Graph constructor
  + Public void addEdge(Edge e) // Edge class is nested in Graph class
    - Int v = e.v;
    - Int w = e.w;
    - Adj[v].add(e);
    - Adj[w].add(e);
  + Public Iterable<Edge> adj (int v)
    - Return adj[v];