Readme

1. For 2nd problem Java files are present in cs6301/g45 with the names BreadthFirstSearch.java and SP1.java. These 2 java files needs helper class files Graph.java and ArrayIterator.java files which are the same files that professor shared in class which needs to be included before compiling the code in the same package /cs6301/g45.
2. Once files are included, compile the code and run it.
3. Input data for the graph is through console and sample example for the graph is as below  
   13 12

1 2 1

1 3 1

3 7 1

3 4 1

7 8 1

7 5 1

2 9 1

2 11 1

9 10 1

9 12 1

11 6 1

8 13 1

1. We considered the BFS to start with vertex 1 by default to get the final output.
2. Result of the above example is like below  
   Path  
   6 11 2 1 3 7 8 13