Diagram

Description automatically generated

First Diagram

|  |  |
| --- | --- |
| A | B C D E |
| B | A E |
| C | A D |
| D | A C F |
| E | A B F G |
| F | D E G |
| G | E F |

BreadthFirstSearch:

ABCDEFG

DepthFirstSearch

ABEFDCG

Second Diagram

|  |  |
| --- | --- |
| A | B C D |
| B | A E |
| C | A F |
| D | A E F H |
| E | B D G |
| F | C D I |
| G | E H J |
| H | D G I J |
| I | F H J |
| J | G H I |

BreadthFirstSearch:

ABCDEFHGIJ

DepthFirstSearch:

ABEDFCIHGJ

Text, letter

Description automatically generated