**Data Structure**

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Diagram

Description automatically generated

**Stack**

**A picture containing email

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, application

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**Table

Description automatically generated**

**Queue**

**Graphical user interface, text

Description automatically generated with medium confidence**

**Diagram

Description automatically generated**

**Procedure for implementing Circular Queue:**

**Graphical user interface, text, application

Description automatically generated**

**Calendar

Description automatically generated**

**Linked List**

**Graphical user interface, text, application, email

Description automatically generated**

**Text

Description automatically generated with medium confidence**

**Graphical user interface, application, email

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, application

Description automatically generated**

**Chart, waterfall chart

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface

Description automatically generated with medium confidence**

**Diagram

Description automatically generated**

**A picture containing text

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**Tree**

**Chart

Description automatically generated**

**Graphical user interface, text, application, email

Description automatically generated**

**Types of graph:**

* **Directed and Undirected Edge**

When g=(V,E) an edge which is directed from one end to another end is called a directed edge.

* **Directed graph (Digraph)**

A graph in which every edge is directed is called directed graph

* **Undirected graph**

A graph in which every edge is undirected is called undirected graph

* **Mixed graph**

When some of the edges are directed and some are undirected in graph then the graph is called mixed graph

**Diagram

Description automatically generated with medium confidence**

**Types of trees**

**A picture containing diagram

Description automatically generated**

**Chart

Description automatically generated**

**Chart

Description automatically generated**

**Types of Trees transversal**

* **In order**
* **Post order**

**Graphical user interface, text, application

Description automatically generated**

**Graphical user interface, application

Description automatically generated**

**Chart, bubble chart

Description automatically generated**

**Diagram

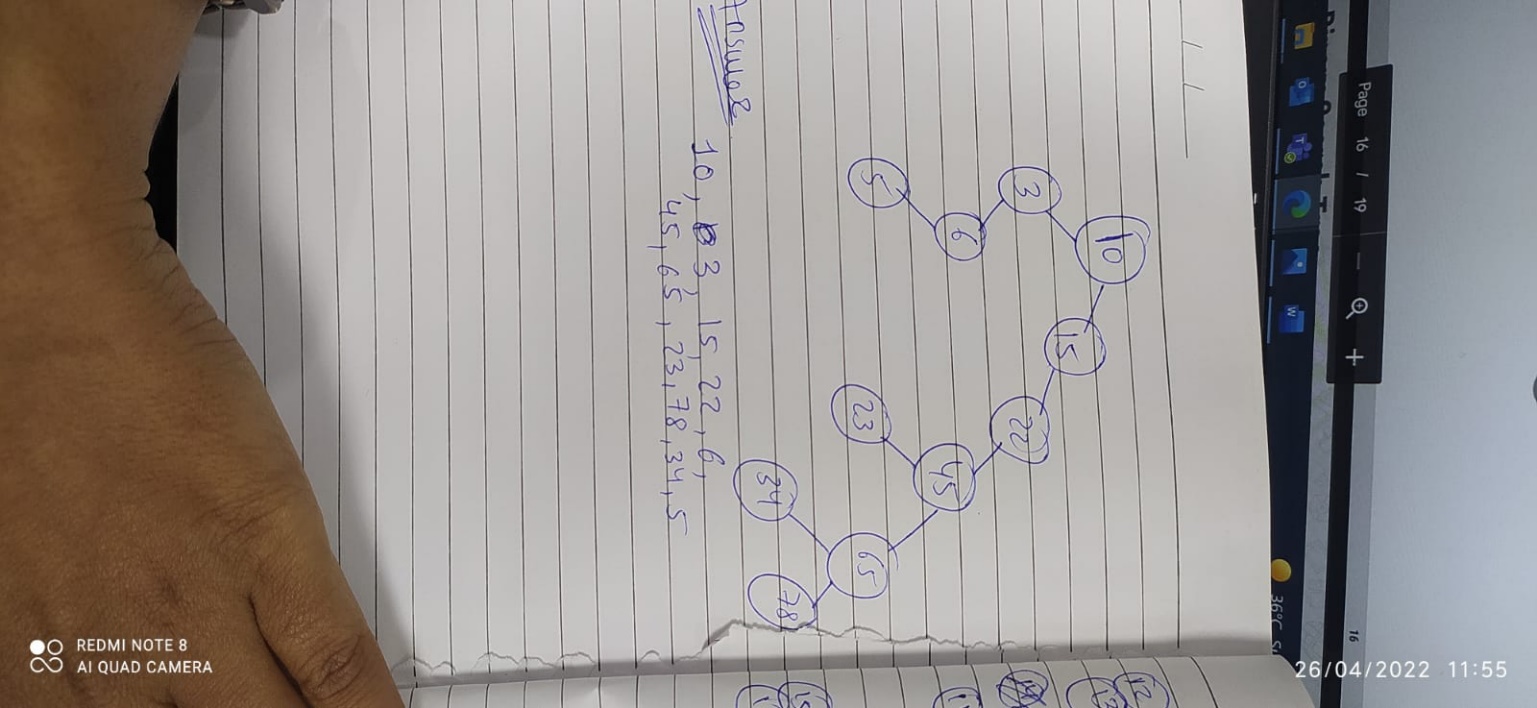
Description automatically generated**

**Example:**

**Chart

Description automatically generated**

**Answer**

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**Chart, bubble chart

Description automatically generated**

**Diagram

Description automatically generated**