Exercise 12:

**1. Oval (Terminator)**

* **Meaning**: Represents the start or end of a process.
* **Usage**: Used to indicate where the process begins and where it ends.
* **Example**: Start, End

**2. Rectangle (Process)**

* **Meaning**: Represents a process, task, or operation to be performed.
* **Usage**: Describes actions or steps to be taken in the system, such as calculations, assignments, or processing data.
* **Example**: Add numbers, Calculate total, Update record

**3. Diamond (Decision)**

* **Meaning**: Represents a decision point, where the flow branches based on a condition (yes/no or true/false).
* **Usage**: Indicates that the flow will take one of two (or more) paths depending on the result of a condition.
* **Example**: Is the number greater than 10? Yes/No

**4. Parallelogram (Input/Output)**

* **Meaning**: Represents input to, or output from, a process.
* **Usage**: Used for reading data input (e.g., from a user or file) or producing output (e.g., displaying results).
* **Example**: Input name, Display total

**5. Arrow (Flow Line)**

* **Meaning**: Indicates the direction of flow from one step to the next.
* **Usage**: Connects symbols in a flowchart and shows the sequence of operations or decisions.
* **Example**: The flow continues from a process to a decision.

**6. Circle (Connector)**

* **Meaning**: Used to connect flowchart sections when the chart is too large or continues on another page.
* **Usage**: Helps avoid intersecting lines by connecting related parts of the flowchart. It's also used to link different parts of a flowchart when they are spread out.
* **Example**: Continue the flowchart from one page to another