Turiba University

(Chelsia Sengar)

(4-eye method)

PROFESSIONAL BACHELOR'S DEGREE

Study programme (Bachelor's in computer systems)

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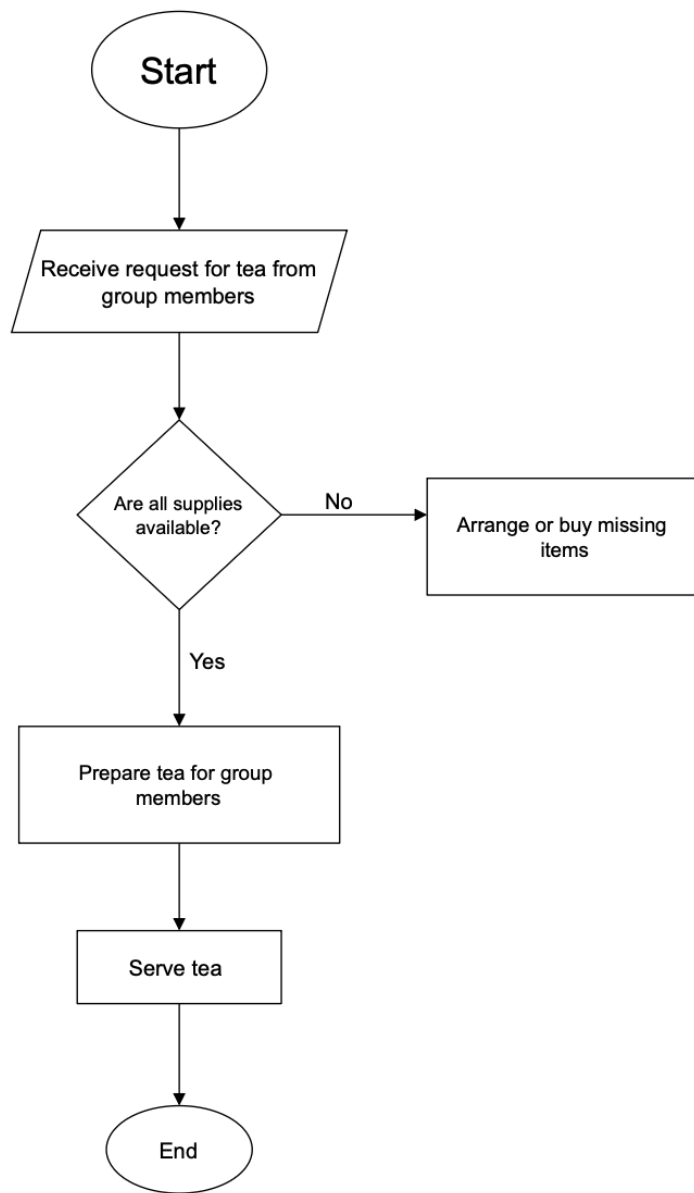
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2025, RIGA

REPORT ON THE FLOWCHARTS

Classmate: Mehak Singh

Flowchart 1: tea to groupmates.

My reviews on the flowchart mentioned above:-

This is a flowchart that describes the method of preparing tea for groupmates. It begins with receiving a request for tea, followed by checking the availability of supplies. If any items are missing, they are arranged or purchased before proceeding. Once all supplies are ready, the tea is prepared and served to the group members, completing the process.

What I like about the flowchart:-

1. Proper Flowchart Symbols Used here.
   - She used Oval for the Start and End of the flowchart.
   - She used a Parallelogram shape for taking input.
   - The use of a diamond shape for decision-making.

2. Proper flow of sequence.
   You can clearly make sense out of the flowchart and see the instructions given step by step.

3. By including the "Are all supplies available?" here, she added realism and logical flow in the flowchart.

What I think are the areas for improvement:-

1. Missing Arrow Returning from "Arrange or buy missing items"

   After arranging or buying missing items, the flow should return to "Prepare tea for group members." Since she has not joined the flow, the logical loop is broken.
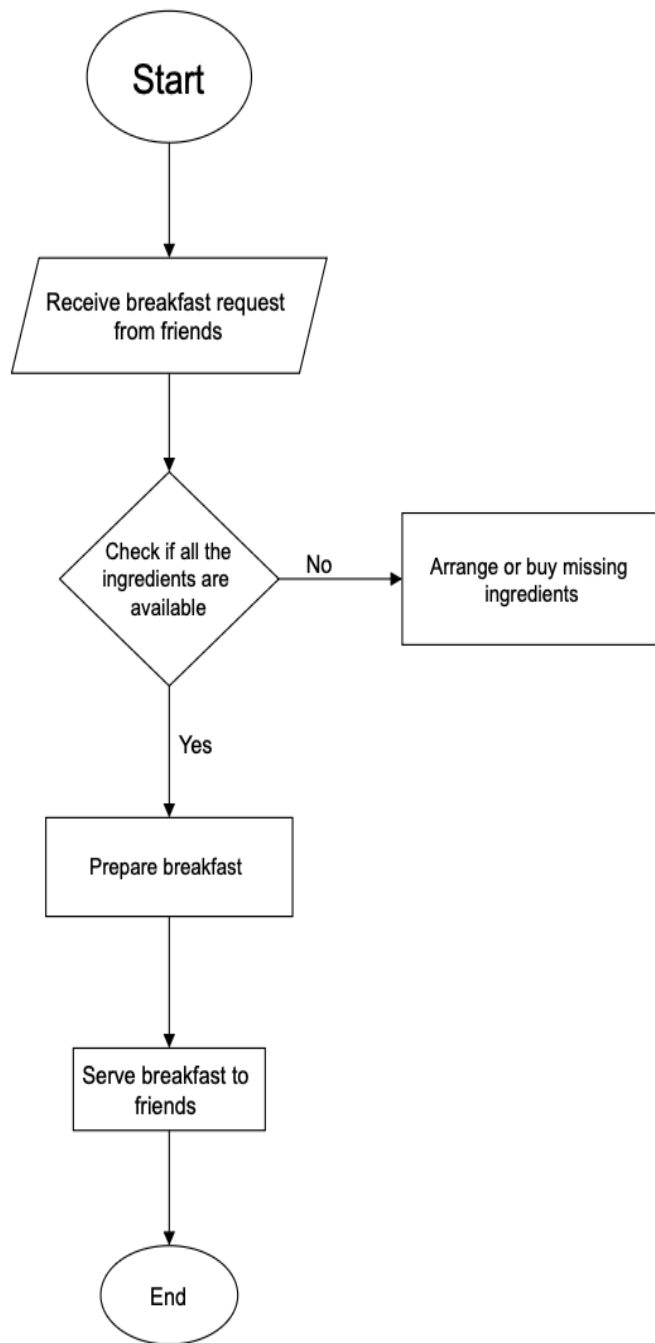
Solution:- She should add the arrow from the "Arrange or buy missing items" box directly to "Prepare tea for group members," and continue.

Rating flowchart from (1-10):

Overall Score:-   9 / 10
based on structure, clarity, logic and professional appearance.
Flowchart 2: Breakfast for friends

My reviews on the flowchart mentioned above:-

This is a flowchart that describes the method of preparing breakfast for friends. It begins with receiving a breakfast request, followed by checking if all the necessary ingredients are available. If any ingredients are missing, they are arranged or purchased. Once everything is ready, breakfast is prepared and served to the friends, completing the process.

What I like about the flowchart:-

1. Proper Flowchart Symbols Used here.
   - She used Oval for the Start and End of the flowchart.
   - She used a Parallelogram shape for taking input.
   - The use of a diamond shape for decision-making.

2. Readable and Minimal

   - Easy to understand at first glance. She did a good job of spacing and labelling. Making it readable and presentable.
   - She has done an excellent job on beginner-level flowchart tasks and presentations.

What I think are the areas for improvement:-

1. Missing Connection After "Arrange or buy missing ingredients"

After arranging or buying, the process should return to "Prepare breakfast" and continue the loop. Since she has not done that, the loop is broken if seen logically.
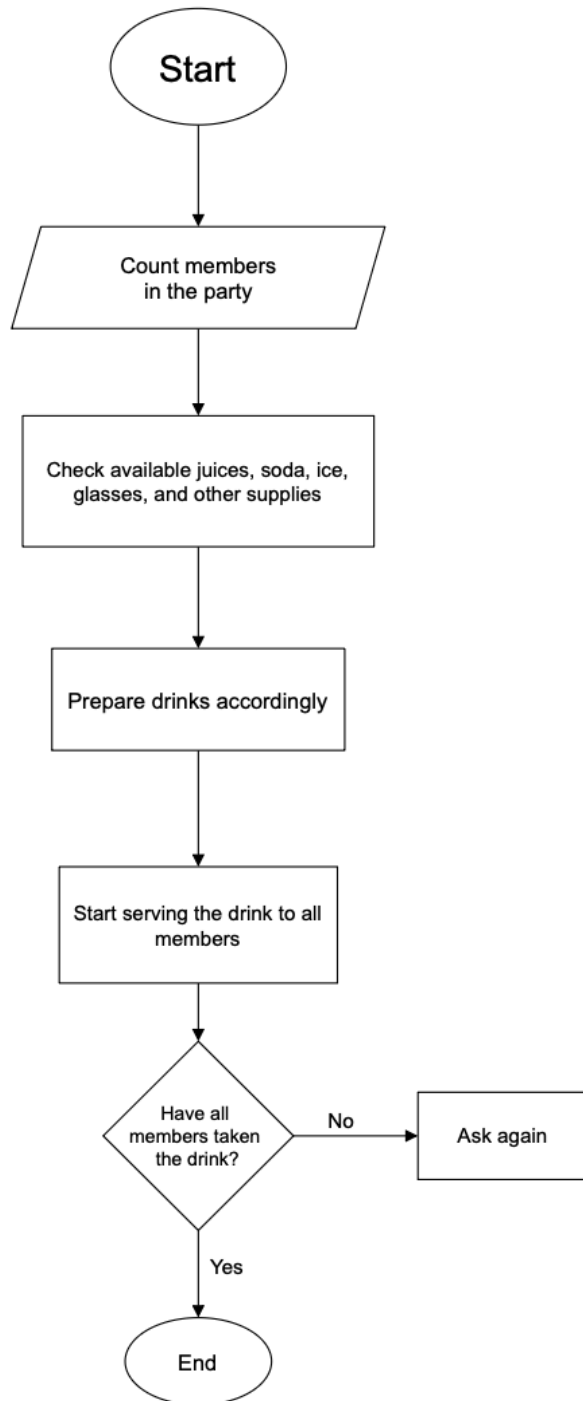
Solution:- She should add the arrow from the "Arrange or buy missing ingredients" box directly to "Prepare breakfast" and continue.

Rating flowchart from (1-10):

Overall Score:-   8 / 10
based on structure, clarity, logic and professional appearance.
Flowchart 3:- Drink to part members

My reviews on the flowchart mentioned above:-

This is a flowchart that describes the method of preparing breakfast for friends. It begins with counting members in the part, followed by checking if juices, soda, ice, glasses and other supplies are available or not. Then they prepare the drink accordingly and start serving the drink to all members. Check if all members have taken the drink; if not, they are asked again for the drink.

What I like about the flowchart:-

1. Very Logical Flow seen here. From the flowchart, you can clearly understand the process and also see the steps clearly.

2. Correct Symbol Usage is shown here.
   - She used Oval for the Start and End of the flowchart.
   - She used a Parallelogram shape for taking input.
   - The use of a diamond shape for decision-making.

3. Neat Layout: Steps mostly follow a sequential order here. It is easy to understand the flow of the process.

What I think are the areas for improvement:-

1. Missing Arrow Returning from "Ask again".
Currently, the "Ask again" box has no returning path, so the flow stops there.

   Solution:- After "Ask again," add a connecting arrow which loops back to the "check availability of juices, soda, ice, glass and other supplies" rectangle to continue the loop.

Rating flowchart from (1-10):

Overall Score:-   9.5 / 10
based on structure, clarity, logic and professional appearance.