

Turiba University

Mehak Singh

(4 – eye method)

PROFESSIONAL BACHELOR DEGREE

Study programme (Bachelor's in computer systems)

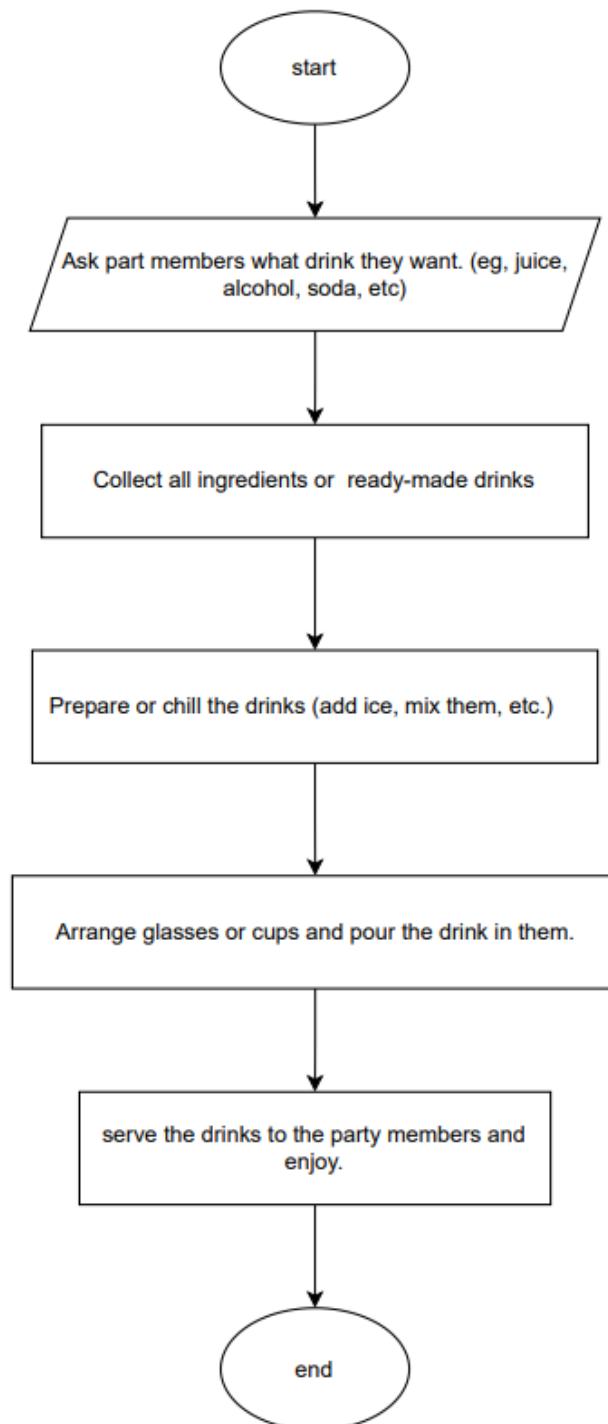
Author: **Mehak Singh**

Thesis Advisor: **(Janis Peksa, Dean of IT Dept.)**

Riga, 2025

Name of the classmate – Chelsia Sengar

Flowchart 1 – Serving drink to party members



WHAT I LIKED ABOUT THE FLOWCHART:

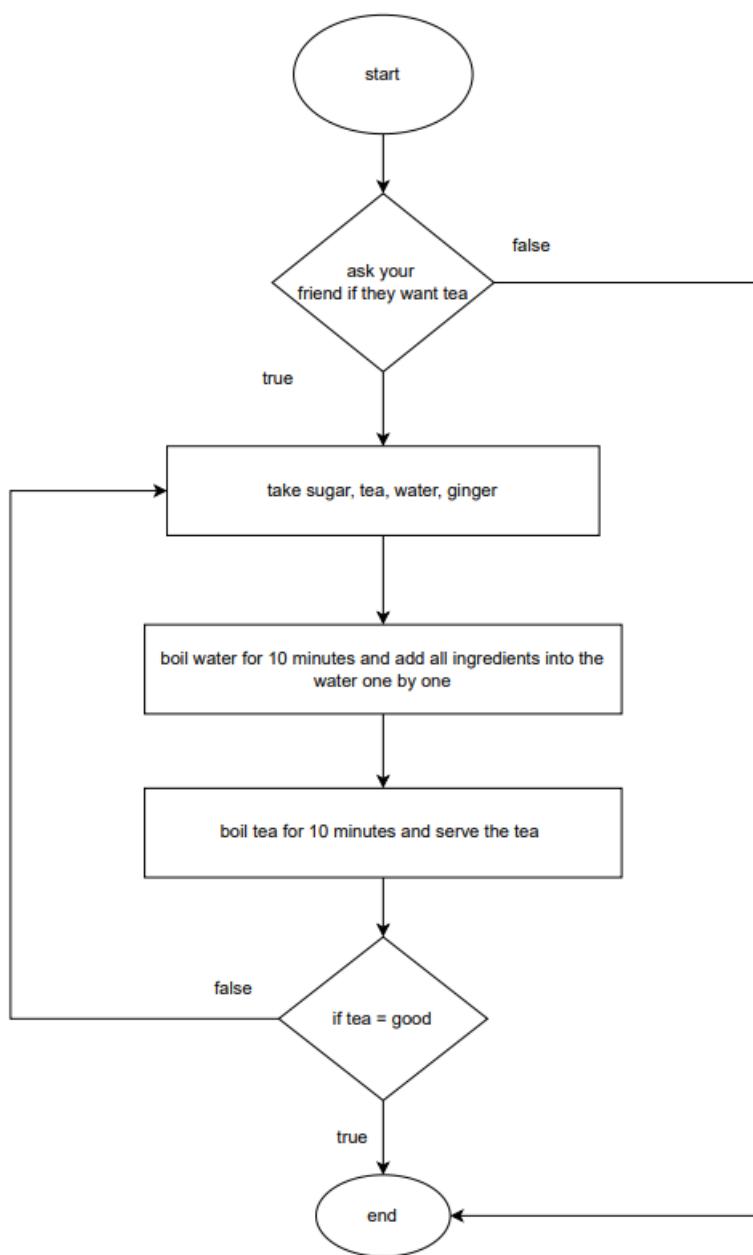
1. **Clear concept:**
The flowchart presents a simple and understandable idea — preparing and serving drinks to party members — which makes the purpose very clear to the viewer.
2. **Easily understandable steps:**
Steps are written in simpler manner which makes it easier to understand.
3. **Complete process covered:**
The flowchart covers the entire process from Start to End, ensuring no major stage is skipped.
4. **Neat presentation:**
Overall the layout is clean and tidy.

THINGS THAT CAN BE IMPROVED:

1. **Add a decision step:**
 - There should be a decision box asking, “Have all party members received their drinks?”
 - This makes the flow more interactive and logical.
2. **Proper arrows and flow direction:**
 - An ideal flowchart should have arrows at approximately 60° angle where decisions branch off.
3. **Split combined actions:**
 - The step “Collect all ingredients or ready-made drinks” mixes two actions.
 - It should be divided into a decision like:
 - “Is the drink ready-made?”
 - If Yes, go to “Chill and serve.”
 - If No, go to “Collect ingredients and prepare.”

Ratings: 9/10

Flowchart 2 – Serving tea to friends



WHAT I LIKED ABOUT THE FLOWCHART:

1. **Clear topic and purpose:**
The flowchart clearly focuses on making and serving tea for friends, which is simple and relatable.
2. **Logical flow:**
The overall idea follows a logical order — asking if friends want tea, preparing ingredients, and serving it.

3. Inclusion of decision steps:

The presence of “true” and “false” paths shows an attempt to include decision-making logic in the flowchart.

4. Step-by-step structure:

Each stage (asking → preparing → serving) is easy to identify and understand.

5. Concise text:

The descriptions are short and straightforward, avoiding unnecessary details.

THINGS THAT CAN BE IMPROVED:

1. Confusing decision condition “if tea = good”

- The meaning of “if tea = good” is unclear — it’s subjective and not measurable.
- It can be replaced with something clearer, such as “Is the tea ready to serve?”

2. Improper arrow flow:

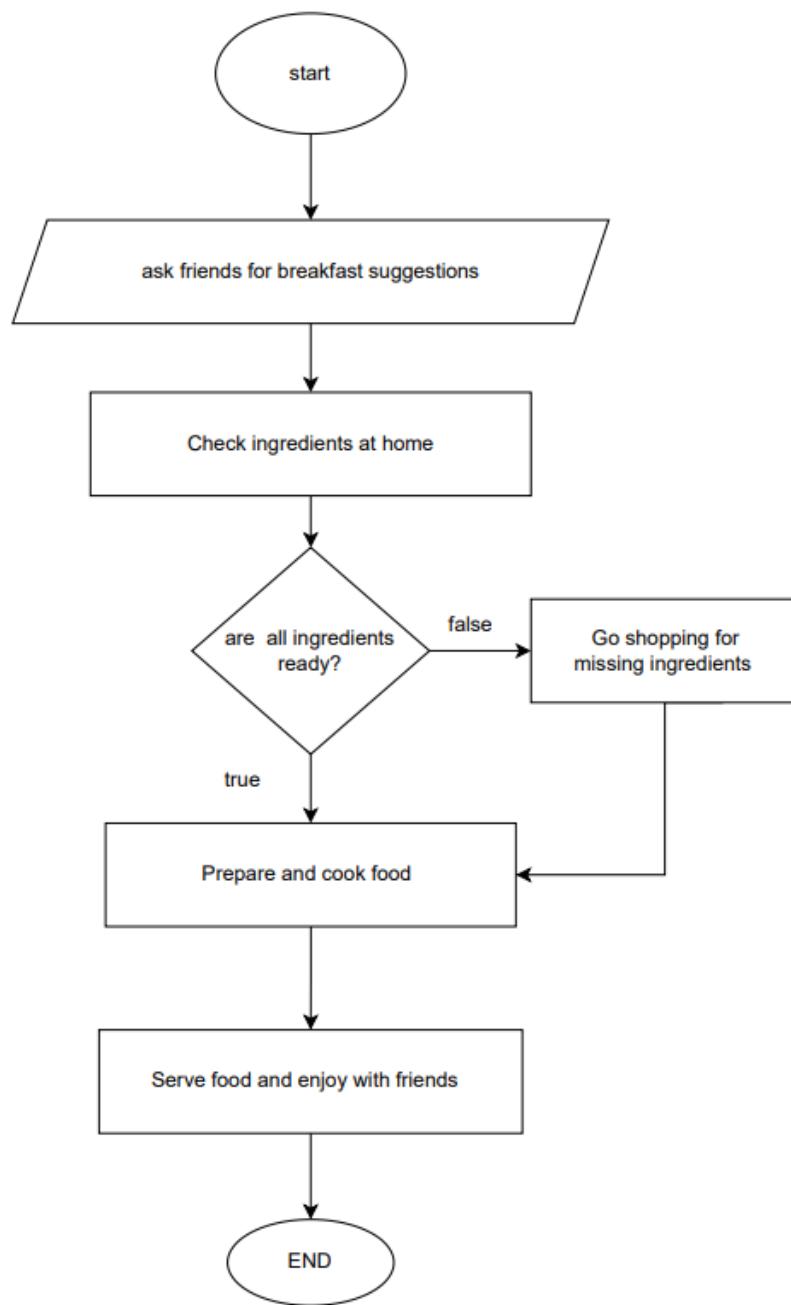
- A proper flowchart should have consistent arrows connecting all shapes, ideally at 60° angles for all branches.

3. Repetition of boiling step:

- “Boil water for 10 minutes” and “Boil tea for 10 minutes” could be put together into a single process for clarity.

Ratings: 8.5/10

Flowchart 3 – SERVING BREAKFAST TO FRIENDS



WHAT I LIKED ABOUT THE FLOWCHART:

1. **Clear and organized idea:**
The flowchart clearly focuses on preparing breakfast for friends, following a logical flow from collecting suggestions to serving the meal.
2. **Good inclusion of a decision step:**
The use of a true/false decision ("Are all ingredients ready?") shows awareness of conditional logic, which is a strong point.

3. Simple and understandable steps:

Each step uses easy language and short instructions, which makes the process easy to follow.

4. Logical sequence:

The sequence — checking ingredients, preparing food, and serving — follows a natural real-life order.

5. Clean presentation:

The structure is not overloaded with text, maintaining readability.

THINGS THAT CAN BE IMPROVED:

1. Arrow and connection clarity:

- An ideal flowchart should have arrows at around 60 ° angles for all branches to make it neat and visually balanced.

2. Capitalization:

- Maintain uniform capitalization (e.g., "Start," "End," etc.) for professionalism.

Ratings: 9.5/10