

Study Instructions

Instructions

Please **read** through these slides to understand **the scenario** which gives the context for the task.

Please **complete the tasks** in these slides **in order**. You can skip back and forth in the slides as much as you need to.

Feel free to **ask questions** of the researcher at any time.

Please remember to **think out loud** as you review the slides and tasks.

Study Scenario

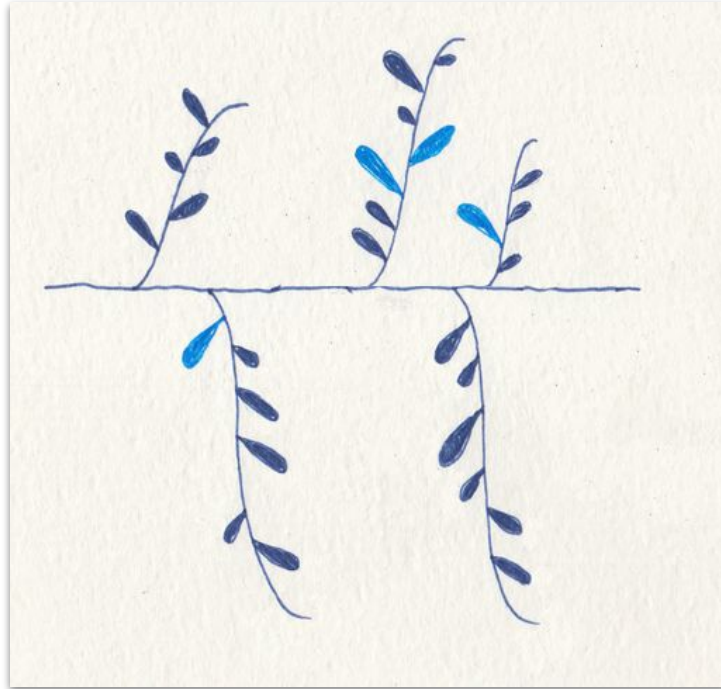
You and a bunch of friends have decided to do a project where you track your activities and then compare and discuss the results. You are in charge of making visualizations for the data.

The data will include the following:

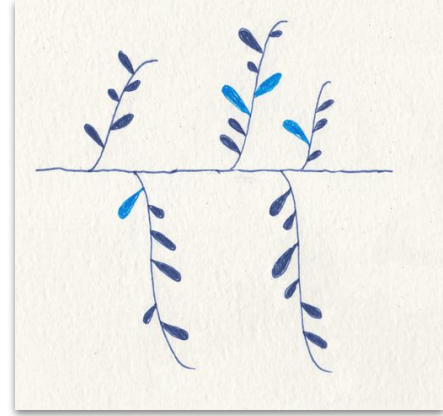
- **Day** the activity took place
- **Time** it started
- **Type** of the activity: it was work-related or personal
- **Outcome** of the activity: it was productive or not

Study Scenario

You will use the the following image as the visual inspiration for the design:



Study Scenario



After discussion, you decide to show the data in the following way:

- Each branch will be a weekday (Mon, Tues, Wed, Thurs, Fri)
- Each leaf on the branch will be an activity.
- The leaves will be positioned along the branch based on when the activity started (base of branch 6:00, tip of branch 22:00).
- The angle of the leaf will indicate its type: work-related (left of branch) or personal (right of branch).
- The color of the leaf will indicate its outcome: productive (light blue) or unproductive (dark blue).

Task 1 (~10 minutes)

To confirm that you understand how data is shown, please fill out the worksheet that will be provided by the researcher.

Reminder:

- Day: Mon, Tues, Wed, Thurs, Fri (each branch represents a day)
- Time: 6:00 - 22:00 (position on branch)
- Type: Work (left of branch) or Personal (right of branch)
- Outcome: Productive (light blue) or Unproductive (dark blue)

Scenario Continued

You found a drawing system that you can use to make a visualization template.

A template is an example of the visualization that will let you input your friends data, and then it will generate the complete visualization for you.

You decide to use this system to make a template that you can share with your friends.

Task 2 (~15 minutes)

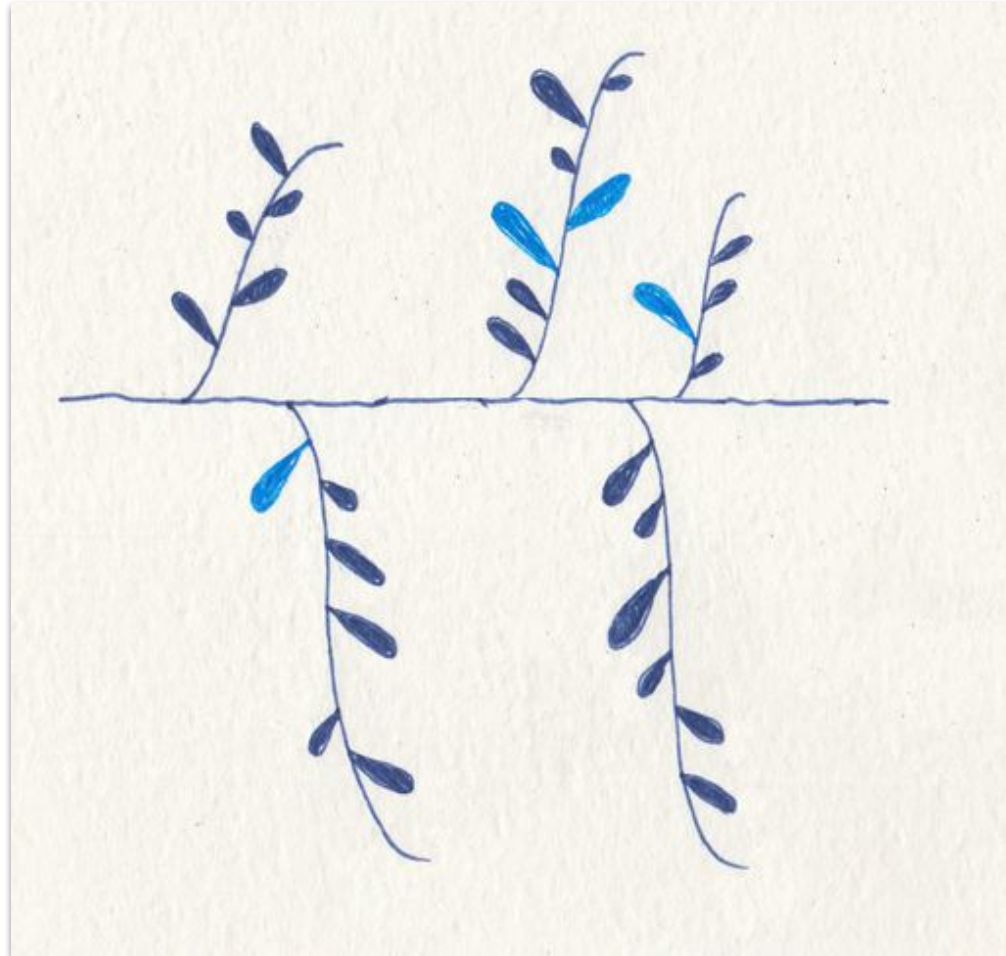
Please watch the following tutorial. You can try the things in the tutorial as you watch (ask the researcher if you want the example visualizations used in the tutorial).

Task 3 (~20 minutes)

Please use the system to create a template for the visualization in your scenario.

To verify that the template is working, check that the following columns are present in the data table with reasonable data (names do not need to be identical):

- **Day:** Mon, Tues, Wed, Thurs, Fri
- **Time:** 6:00 (start) - 22:00 (end)
- **Type:** Work (left), Personal (right)
- **Outcome:** Productive (light blue), Unproductive (dark blue)



Optional Task

If there is still time (check with the researcher) you may want to try the optional task.

The optional task is more challenging as the solutions are more complex.

The researcher will let you know when we need to stop and move on to the final interview.

(Optional) Task 4

Your friends love your template, and ask you to add a couple things:

- Add a red dot to leaves to indicate the activity was enjoyable



- Add clusters of ☺ at the end of the branch to indicate how many TODO items were completed during that day.

