

TUTORIAL 1

- **Undertake problem-solving exercises**
- **Selection of project group**
 - Group members define their skills sets and qualities
 - Introduce each other
- **Belbin's Group Roles**
 - Video on Belbin's Group Roles
 - Discuss and complete the Group Roles Template
 - Once completed nominate a group leader
- **Formulate questions for the project client**
 - Introduce the project
 - Students formulate question list to identify the problem and collect the requirements from client

Problem solving exercises

1. Mary's family

Mary's mum has four children.

The first child is called April.

The second is May.

The third is June.

What is the name of the fourth child ?

2. The Boxes

There are three boxes.

One is labeled "APPLES" another is labeled "ORANGES".

The last one is labeled "APPLES AND ORANGES".

You know that each is labeled incorrectly.

You may ask me to pick one fruit from one box which you choose.

How can you label the boxes correctly ?

3. Bakers' Cookies

If it takes 5 bakers, 250 minutes to make 500 cookies.

How many minutes would it take for 2 bakers to make the same amount of cookies ?

Group Allocation

➤ **Group members define their skills sets and qualities**

- Please fill in your name, student ID, group number
- Rate yourself in the areas like organizational skills, analytical skills, report writing skills, technical skills, and communication skills
- Please be honest with yourself when you are rating yourself in these areas, because we will use this to put you into a group
- You will do group project and group activities together in the upcoming weeks

Belbin's group roles

- **Watch the video on Belbin's Group Roles**

<https://www.youtube.com/watch?v=-efhOLVgEvM>

- **Discuss group roles with your group members**

- Complete the group role template

- **Once completed nominate a group leader**

The project

- Work in a group to build a website for a real client.
- Your client will come to the tutorial next week(s) and you can ask questions to understand the problem and requirements on the website.
- In the final exam, you will present your solution (website) to the lecturer (and your client). After that, the client will select one solution to run his/her business.

Prepare client questions

- Group work
- Develop a list of questions that you would like to ask to help you identify the problem and collect the requirements from your client