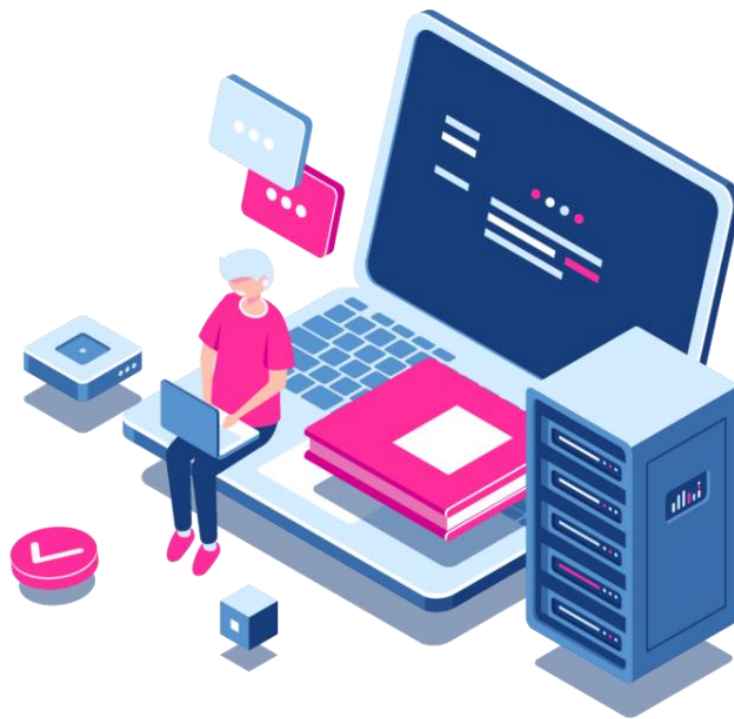# Level #01 – C#

1. Variables

- o Create **variables** to store the **length**, **width**, and **height** of a room.
- o **ask** the user to give you the value of the variable.
- o **Print** the variable's value.

2. Data Types

1. In a structural analysis, you need to calculate the total weight of steel beams.
   o Prompt the user to input the **length** and **weight** per meter of each beam segment as **doubles**,
   o **multiply** them together.
   o **display** the **total weight**.

3. You're working on an architectural project and need to indicate if a room is accessible to disabled individuals.
   o Create a **Boolean** variable to represent this.
   o print its value.

4. In an MEP project, you assign unique codes to electrical panels.
   o Create a **character** variable to represent a panel code.
   o **print** it.

3. Operators

1. estimate the cost of materials for a project.
   - o Input the **cost per unit area** for flooring and **the total area** to be covered,
   - o then **multiply** to calculate.
   - o **display** the total cost.