



Task(14.3)

Struct and Lambda

Requirements:

1. Record Structure:

- Define a struct called Record with the following attributes:
 - name: a string representing the name of a character.
 - power_level: an integer representing the character's power level.
- Include a Print_Data() method in Record that prints the name and power level in the format:
Name: <name>, Power Level: <power_level>.

2. Lambdas for Sorting:

- Create two lambda functions to sort the records:
 - CmpareByName: A lambda that sorts records in descending order by name.
 - CmpareByPowerLevel: A lambda that sorts records in descending order by power_level.

3. Vector of Records:

- Create a std::vector of Record objects with initial data, e.g., { "Erin", 100 }, { "Armin", 80 }, etc.

4. Sorting and Displaying Data:

- Use std::sort and the created lambdas to sort the vector:
 - First, sort by name and print the results.
 - Then, sort by power_level and print the results.

Thank You