

■ Problem Statement: School Result Analyzer

You are working as a developer for a **School Result Management System**. The school needs a simple webpage to analyze students and their exam results using JavaScript **Array Search Methods**.

Requirements:

1. The system should store a list of **student names** and their **marks** in arrays.
2. Implement the following features:

- **indexOf()** → Find the first occurrence of a student's name in the class list.
- **lastIndexOf()** → Find the last occurrence of a student's name (in case the name is repeated).
- **includes()** → Check if a particular student is enrolled in the class.
- **find()** → Find the first student who has passed the exam (marks > 40).
- **findIndex()** → Get the position (index) of the first student who passed.
- **findLast()** → Find the last student who scored above 50 marks.
- **findLastIndex()** → Get the index of the last student who passed (marks > 40).

Example Case:

Students: ["Rahul", "Priya", "Aman", "Rahul", "Neha"]

Marks: [25, 35, 45, 60, 75]

■ Expected Outputs:

- First Rahul is at index **0**
- Last Rahul is at index **3**
- Neha is enrolled → **true**
- First passing marks → **45**
- First passing student index → **2**
- Last student scoring above 50 → **75**
- Last passing student index → **4**

■ End Goal:

Students should understand when to use **indexOf**, **lastIndexOf**, **includes**, **find**, **findIndex**, **findLast**, and **findLastIndex** by solving this real-life school result analysis problem.