

JS Lab 2 - Student Gradebook System

Step 1: Create Student Records

1. Create an array called `students` that holds multiple student objects.
2. Each student object should have the following properties:
 - `name` (string)
 - `scores` (array of numbers)

Example:

```
let students = [  
  { name: "Alice", scores: [88, 92, 79] },  
  { name: "Bob", scores: [95, 85, 91] },  
  { name: "Charlie", scores: [70, 60, 72] },  
];
```

Step 2: Calculate Average Score

Write a function called `calculateAverage` that takes an array of scores and returns the average.

Example:

```
Alice: Average = 86.33, Grade = B  
Bob: Average = 90.33, Grade = A  
Charlie: Average = 67.33, Grade = D
```

Bonus: Find the highest scoring student

```
Top Student: Bob with Average = 90.33
```

Step 3: Determine Letter Grade

Create a function called `getLetterGrade` that accepts a score and returns a letter grade based on the following scale:

Example:

```
A: 90+  
B: 80-89  
C: 70-79  
D: 60-69  
F: below 60
```

Step 4: Display Student Grades

Loop through each student in the `students` array, calculate their average score, determine their letter grade, and display it.

Example:

```
Alice: Average = 86.33, Grade = B  
Bob: Average = 90.33, Grade = A  
Charlie: Average = 67.33, Grade = D  
Diana: Average = 98.33, Grade = A
```

Bonus: Sort students by average score descending

Example:

```
Diana: Average = 98.33, Grade = A  
Bob: Average = 90.33, Grade = A  
Alice: Average = 87.50, Grade = B  
Charlie: Average = 67.33, Grade = D
```