

Exercise : Student Management System

Objective

Create a simple student management system using ServletConfig and ServletContext.

Requirements

1. Global Settings (ServletContext):

- Store in web.xml:
 - institute.name (e.g., "ABC College")
 - max.students (e.g., "100")
 - admin.email (e.g., "admin@college.com")

2. Department-Specific Settings (ServletConfig):

- Create 2 servlets with different configs in web.xml:
 - ComputerServlet (Computer Department):
 - hod.name: "Dr. Smith"
 - total.courses: "12"
 - MathServlet (Math Department):
 - hod.name: "Dr. Johnson"
 - total.courses: "8"

3. Tasks:

- When you access ComputerServlet, show:

ABC College (Global Setting)
Department: Computer Science
HOD: Dr. Smith
Courses: 12
Max Students Allowed: 100

- When you access MathServlet, show:

ABC College (Global Setting)
Department: Mathematics
HOD: Dr. Johnson
Courses: 8

Max Students Allowed: 100

Key Points:

- Institute name is **shared** (all departments see same)
- HOD name is **different** for each department
- Max students is **shared** from context