CASE NO. 2

```java
import java.util.Scanner;
import java.text.DecimalFormat;

public class Case2Angulo {
  public static void main(String[] args) {
    Scanner kb = new Scanner(System.in);

    // Read input from the user
    System.out.print("Enter employee role (Manager, Developer, Intern): ");
    String role = kb.nextLine();

    System.out.print("Enter years of service: ");
    int yearsOfService = kb.nextInt();
    kb.nextLine();

    System.out.print("Enter department (IT, HR, Sales, Other): ");
    String department = kb.nextLine();

    double baseSalary = 0, bonus = 0, departmentBenefit = 0;

    // Determine base salary based on role
    switch (role) {
      case "Manager":
        baseSalary = 80000;
        if (yearsOfService >= 10) {
          bonus = baseSalary * 0.05;
        } else if (yearsOfService >= 5) {
          bonus = baseSalary * 0.03;
        }
        break;
      case "Developer":
        baseSalary = 60000;
        if (yearsOfService >= 10) {
          bonus = baseSalary * 0.05;
        } else if (yearsOfService >= 5) {
          bonus = baseSalary * 0.03;
        }
        break;
      case "Intern":
        baseSalary = 30000;
        break;
      default:
        System.out.println("Invalid role entered.");
        kb.close();
        return;
    }

    // Determine department-specific benefits
    switch (department) {
      case "IT":
        departmentBenefit = 5000;
        break;
      case "HR":
        departmentBenefit = 3000;
        break;
      case "Sales":
        departmentBenefit = 7000;
        break;
      default:
        departmentBenefit = 2000;
        break;
    }

    // Calculate total compensation
    double totalCompensation = baseSalary + bonus + departmentBenefit;

    // Print the results using DecimalFormat
    DecimalFormat df = new DecimalFormat("$#,##0.00");

    System.out.println("\nBase Salary: " + df.format(baseSalary));
    System.out.println("Bonus: " + df.format(bonus));
    System.out.println("Department Benefit: " + df.format(departmentBenefit));
    System.out.println("Total Compensation: " + df.format(totalCompensation));
  }
}
```

```
CEDRIC@DESKTOP-0G7VTBI MINGW64 /d/0010/Documents/Acads/BSIT 2A/Case Problems
$ java Case2Angulo
Enter employee role (Manager, Developer, Intern): Manager
Enter years of service: 12
Enter department (IT, HR, Sales, Other): HR

Base Salary: $80,000.00
Bonus: $4,000.00
Department Benefit: $3,000.00
Total Compensation: $87,000.00

CEDRIC@DESKTOP-0G7VTBI MINGW64 /d/0010/Documents/Acads/BSIT 2A/Case Problems
$ java Case2Angulo
Enter employee role (Manager, Developer, Intern): Intern
Enter years of service: 6
Enter department (IT, HR, Sales, Other): Sales

Base Salary: $30,000.00
Bonus: $0.00
Department Benefit: $7,000.00
Total Compensation: $37,000.00
```