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import java.util.*;

/**
 * This program demonstrates object construction.
 */
 * @author Cay Horstmann
 * @version 1.01 2004-02-19
 */
public class ConstructorTest {
    public static void main(String[] args) {
        // fill the staff array with three Employee objects

        Employee1[] staff = new Employee1[3];

        staff[0] = new Employee1("Asad", 400, "BS(EE)");
        staff[1] = new Employee1(600);
        staff[2] = new Employee1();

        // print out information about all Employee objects

        for (Employee1 e : staff)
            System.out.println("name=" + e.getName() + ",id=" + e.getId() +
                               ",salary="
                               + e.getSalary()+" ,Qualification="
                               + e.getQualification() );
    }
}

class Employee1 {
    private static int nextId;
    private int id;
    private String name = "asad"; // instance field initialization
    private double salary;
    private String qualification;
    // static initialization block

    static {
        Random generator = new Random();
        // set nextId to a random number between 0 and 9999
        nextId = generator.nextInt(1000);
        System.out.println("Static block executed");
    }

    static{
        String nam;
        nam="Cameero kaale rang di";
        System.out.println(nam);
    }

    // object initialization block

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    {
        id = nextId;
        nextId++;
        System.out.println("Object block executed");
    }

    // three overloaded constructors

    Employee1(String n, double s,String q) {
        name = n;
        salary = s;
        qualification=q;
    }

    Employee1(double s) {
        // calls the Employee(String, double) constructor
        this("Osama" + nextId, s,"BS(CS)");
    }

    // the default constructor

    Employee1() {
        // name initialized to ""--see below
        // salary not explicitly set--initialized to 0
        // id initialized in initialization block
    }

    public String getName() {
        return name;
    }

    public double getSalary() {
        return salary;
    }

    public int getId() {
        return id;
    }

    public String getQualification() {
        return qualification;
    }
}

```