class EmpSalaryException extends Exception { public EmpSalaryException(String message) {

super(message);

}

}

class Employee {

private String empName; private int empAge;

private double empSalary;

public Employee(String empName, int empAge, double empSalary) { this.empName = empName;

this.empAge = empAge; this.empSalary = empSalary;

}

public String getEmpName() { return empName;

}

public void setEmpName(String empName) { this.empName = empName;

}

public int getEmpAge() {

return empAge;

}

public void setEmpAge(int empAge) { this.empAge = empAge;

}

public double getEmpSalary() { return empSalary;

}

public void setEmpSalary(double empSalary) { this.empSalary = empSalary;

}

}

public class EmployeeServices {

public void checkEmployeeSalary(Employee emp) throws EmpSalaryException { if (emp.getEmpSalary() < 1000) {

throw new EmpSalaryException("Salary is less than 1000 for employee: " + emp.getEmpName());

}

}

public static void main(String[] args) {

Employee e1 = new Employee("Joe Smith", 20, 5345); Employee e2 = new Employee("Lewis Jane", 21, 1345); Employee e3 = new Employee("Larry Page", 22, 245);

Employee e4 = new Employee("Smith James", 23, 945); Employee e5 = new Employee("Elvis George", 25, 1425);

EmployeeServices empser = new EmployeeServices(); Employee[] emparray = { e1, e2, e3, e4, e5 };

for (Employee employee : emparray) { try {

empser.checkEmployeeSalary(employee);

} catch (EmpSalaryException ex) { System.out.println(ex.getMessage());

}

}

}

}

OUTPUT:

D:\JavaProgrammingFundamentals>javac EmployeeServices.java

D:\JavaProgrammingFundamentals>java EmployeeServices Salary is less than 1000 for employee: Larry Page

Salary is less than 1000 for employee: Smith James