**Code :-**

// Employee.java

import java.util.\*;

class Employee {

private int id;

private String name;

private int seniority;

private int[] performanceScores; // Last 5 years' scores

private boolean departmentalExamPassed;

private boolean hindiExamPassed;

private boolean cccExamPassed;

// Constructor

public Employee(int id, String name, int seniority, int[] performanceScores,

boolean departmentalExamPassed, boolean hindiExamPassed, boolean cccExamPassed) {

this.id = id;

this.name = name;

this.seniority = seniority;

this.performanceScores = performanceScores;

this.departmentalExamPassed = departmentalExamPassed;

this.hindiExamPassed = hindiExamPassed;

this.cccExamPassed = cccExamPassed;

}

// Getters

public int getId() { return id; }

public String getName() { return name; }

public int getSeniority() { return seniority; }

public int[] getPerformanceScores() { return performanceScores; }

public boolean isDepartmentalExamPassed() { return departmentalExamPassed; }

public boolean isHindiExamPassed() { return hindiExamPassed; }

public boolean isCccExamPassed() { return cccExamPassed; }

// Helper Method

public double getAveragePerformance() {

int sum = 0;

for (int score : performanceScores) {

sum += score;

}

return performanceScores.length > 0 ? sum / (double) performanceScores.length : 0;

}

}

// PromotionSystem.java

class PromotionSystem {

private List<Employee> employees;

// Constructor

public PromotionSystem() {

employees = new ArrayList<>();

}

// Add Employee

public void addEmployee(Employee employee) {

if (!employees.contains(employee)) {

employees.add(employee);

}

}

// Generate Eligible Employees List

public List<Employee> getEligibleEmployees() {

List<Employee> eligibleEmployees = new ArrayList<>();

for (Employee emp : employees) {

if (isEligible(emp)) {

eligibleEmployees.add(emp);

}

}

return eligibleEmployees;

}

// Eligibility Criteria

private boolean isEligible(Employee emp) {

return emp.getSeniority() >= 5 &&

emp.getAveragePerformance() >= 60 &&

emp.isDepartmentalExamPassed() &&

emp.isHindiExamPassed() &&

emp.isCccExamPassed();

}

// Display Eligible Employees

public void displayEligibleEmployees() {

List<Employee> eligible = getEligibleEmployees();

if (eligible.isEmpty()) {

System.out.println("No eligible employees found.");

} else {

System.out.println("Eligible Employees:");

for (Employee emp : eligible) {

System.out.println("ID: " + emp.getId() + ", Name: " + emp.getName());

}

}

}

}

// Main.java

public class Main {

public static void main(String[] args) {

PromotionSystem system = new PromotionSystem();

// Example Employee Data

system.addEmployee(new Employee(1, "John Doe", 6, new int[]{70, 75, 80, 85, 90}, true, true, true));

system.addEmployee(new Employee(2, "Jane Smith", 4, new int[]{60, 65, 70, 55, 60}, true, true, true));

system.addEmployee(new Employee(3, "Sam Wilson", 7, new int[]{50, 55, 60, 65, 70}, false, true, true));

// Display Eligible Employees

system.displayEligibleEmployees();

}

}

**Output :-**

Eligible Employees:

ID: 1, Name: John Doe