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| --- |
| import java.util.\*; |
|  |  |
|  | class Manager extends Assignment2Q2 { |
|  | @Override |
|  | public int getSalary(int salary) { |
|  | int incentive = 5000; |
|  | return (salary+incentive); |
|  | } |
|  | } |
|  |  |
|  | class Labour extends Assignment2Q2 { |
|  | @Override |
|  | public int getSalary(int salary) { |
|  | int overtime = 500; |
|  | return (salary+overtime); |
|  | } |
|  | } |
|  | public class Assignment2Q2 { |
|  | static int salary = 10000; |
|  | public int getSalary(int salary){ |
|  | return salary; |
|  | } |
|  | public int totalEmployeesSalary(ArrayList<Integer> employeeSalaries){ |
|  | int total=0; |
|  | for(int i=0;i<employeeSalaries.size();i++) { |
|  | total+=employeeSalaries.get(i); |
|  | } |
|  | return total; |
|  | } |
|  | public static void main(String[] args) { |
|  | Manager manager=new Manager(); |
|  | int manager\_sal=manager.getSalary(salary); |
|  | System.out.println("Employee Salary: "+manager\_sal); |
|  | Labour labour = new Labour(); |
|  | int labour\_sal=labour.getSalary(salary); |
|  | System.out.println("Labour Salary: "+labour\_sal); |
|  |  |
|  | ArrayList<Integer> employeeSalaries=new ArrayList<Integer>(); |
|  | employeeSalaries.add(manager\_sal); |
|  | employeeSalaries.add(labour\_sal); |
|  |  |
|  | Assignment2Q2 ans=new Assignment2Q2(); |
|  | System.out.println("Total Employee Salary: "+ans.totalEmployeesSalary(employeeSalaries)); |
|  |  |
|  |  |
|  | } |
|  | } |