  GENERIC ASSIGNMENT

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|  | 1. package empp; |
|  | public class employee { |
|  | int id,salary; |
|  | String name,department; |
|  |  |
|  | public employee(int id,int salary,String name,String department) |
|  | { |
|  | this.id=id; |
|  | this.salary=salary; |
|  | this.name=name; |
|  | this.department=department; |
|  | } |
|  |  |
|  | public int getId() { |
|  | return id; |
|  | } |
|  |  |
|  | public void setId(int id) { |
|  | this.id = id; |
|  | } |
|  |  |
|  | public int getSalary() { |
|  | return salary; |
|  | } |
|  |  |
|  | public void setSalary(int salary) { |
|  | this.salary = salary; |
|  | } |
|  |  |
|  | public String getName() { |
|  | return name; |
|  | } |
|  |  |
|  | public void setName(String name) { |
|  | this.name = name; |
|  | } |
|  |  |
|  | public String getDepartment() { |
|  | return department; |
|  | } |
|  |  |
|  | public void setDepartment(String department) { |
|  | this.department = department; |
|  | } |
|  | public void displayDetails() |
|  | { |
|  | System.out.println("id : "+getId()+" salary: "+getSalary()+" name: |
|  | "+getName()+" department: "+getDepartment()); |
|  | } |
|  | } |
|  | public class hashset { |
|  | public static void main(String[] args) |
|  | { |
|  | Set<employee> set=new HashSet<>(); |
|  | employee emp=new employee(10, 50000 , "mbv", "softwareengineer"); |
|  | set.add(emp); |
|  | emp.displayDetails(); |
|  | }} |
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|  | 2. import java.util.HashMap; |
|  |  |
|  | public class map { |
|  | public static void main(String[] args) |
|  | { |
|  | //Map<key,value> map=new HashMap<>(); |
|  | Map<Integer,Double> map=new HashMap<>(); |
|  | map.put(34, 33.9); |
|  | map.put(67, 67.7); |
|  | map.put(96, 56.7); |
|  | map.put(35, 3.5); |
|  | map.put(11, 33.9); |
|  | map.put(25, 5.9); |
|  | map.put(99, 89.8); |
|  | map.put(56, 23.5); |
|  | map.put(84, 98.5); |
|  | map.put(54, 87.6); |
|  |  |
|  |  |
|  | System.out.println(map); |
|  |  |
|  | }} |
|  |  |
|  | Output: |
|  | {96=56.7, 34=33.9, 67=67.7, 35=3.5, 99=89.8, 84=98.5, 54=87.6, 56=23.5, 25=5.9, 11=33.9} |
|  |  |
|  |  |
|  | 3. a. import java.util.\*; |
|  |  |
|  | public class pair { |
|  | public static void main(String[] args) |
|  | { |
|  | Map<String,String> map=new HashMap<>(); |
|  |  |
|  | map.put("Hi", "8"); |
|  | map.put("hello", "9"); |
|  | System.out.println(map); |
|  |  |
|  |  |
|  | } |
|  | } |
|  |  |
|  |
|  |
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|  |
|  |  |
|  | 4. import java.util.\*; |
|  |  |
|  | public class pair1 { |
|  | public static void main(String[] args) |
|  | { |
|  | Map<String,Date> map=new HashMap<>(); |
|  | map.put("Today is", new java.util.Date()); |
|  | System.out.println(map); |
|  |  |
|  | }} |
|  |  |