Activity for Classes and Objects

**Note: Create 2 separate Class for each and every Question.**

**Use “invalid output” for negative values for integer type.**

1. Create a class **“Employee”** add the following private members

|  |  |
| --- | --- |
| **Data type** | **Field name** |
| String | name |
| String | address |
| String | mobile |

Create setter and getter methods

Create another class **“EmployeeMain”** and write the main method to test the above class

Sample Input:

Enter the name:

**Ravi**

Enter Address:

**Pune**

Enter Mobile:

**9998887771**

**Sample output:**

Employee Details

Name: Ravi

Address: Pune

Mobile: 9998887771

1. Create a class **“Innings”** add the following private members are

|  |  |
| --- | --- |
| **Data type** | **Field name** |
| String | teamname |
| String | inningsname |
| Int | runs |

Create setter and getter methods. Create the **displayInningsDetails()** method in the Innings class display it.

Create another class **“InningsMain”** and write the main method to test the above class

Sample Input:

Enter the team name:

**Australia**

Enter session:

**First**

Enter runs:

**200**

**Sample output**

**Name: Australia**

**Scored: 200**

**Need 201 to win**

Sample Input:

Enter the team name:

**Australia**

Enter session:

**Second**

Enter runs:

**200**

Sample output

**Name: Australia**

**Scored: 200**

**Match Ended.**

1. Create a class **“Customer”** add the following private members

|  |  |
| --- | --- |
| **Data type** | **Field name** |
| String | name |
| String | address |
| String | mobile |

Create setter and getter methods

Create another class **“CustomerMain”** and write the main method to test the above class. Use String.split().

Sample Input:

Enter the details:

**Krishna,pune,9999888666**

Sample output

**Name: Ravi**

**Address: Pune**

**Mobile: 9999888666**

1. Create a class **“Company”** add the following private members

|  |  |
| --- | --- |
| **Data type** | **Field name** |
| String | name |
| String | employees |
| String | teamlead |

Create setter and getter methods

Create another class **“CompanyMain”** and write the main method to test the above class. Use String.split().

Sample Input:

Enter the company name:

**L&T Technology Services**

**Enter the employees:**

**Ravi,Ram,Krishna,Shakir,Thomas**

**Enter TeamLead:**

**Thomas**

Sample output

**Name: L&T Technology Services**

**Emploees: Ravi,Ram,Krishna,Shakir,Thomas**

**Lead: Thomas**

Sample Input:

Enter the company name:

**L&T Technology Services**

**Enter the employees:**

**Ravi,Ram,Krishna,Shakir,Thomas**

**Enter TeamLead:**

**Aakash**

Sample output

**Invalid input.**

1. Create a class **“Employee”** add the following private members

|  |  |
| --- | --- |
| **Data type** | **Field name** |
| String | name |
| String | address |
| String | mobile |

Create setter and getter methods

Create another class **“EmployeeMain”** and write the main method to test the above class

Sample Input:

Enter the name:

**Ravi**

Enter Address:

**Pune**

Enter Mobile:

**9998887771**

**Sample output:**

Employee Details

Name: Ravi

Address: Pune

Mobile: 9998887771

Verify and Update the details:

Menu

1. Update Employee name
2. Update Employee Address
3. Update Employee mobile
4. All information correct/Exit

2

Current address is: Pune

Enter the address:

Bangalore

Menu

1. Update Employee name
2. Update Employee Address
3. Update Employee mobile
4. All information correct/Exit

4

The details are:

Name: Ravi

Address: Bangalore

Mobile: 9998887771

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