

```

1 You are given a list of Students as StudentList,
2 Your task is to find out the average age of male and female students.
3
4 Sample Output:
5 -----
6 {Male=30.181818181818183, Female=27.166666666666668}
7
8
9
10 The Student class looks like this:
11 -----
12 class Student
13 {
14     int id;
15     String name;
16     int age;
17     String gender;
18     String department;
19     int yearOfJoining;
20
21     public Student(int id, String name, int age, String gender, String department, int yearOfJoining )
22     {
23         this.id = id;
24         this.name = name;
25         this.age = age;
26         this.gender = gender;
27         this.department = department;
28         this.yearOfJoining = yearOfJoining;
29     }
30
31     public int getId()
32     {
33         return id;
34     }
35
36     public String getName()
37     {
38         return name;
39     }
40
41     public int getAge()
42     {
43         return age;
44     }
45
46     public String getGender()
47     {
48         return gender;
49     }
50
51     public String getDepartment()
52     {
53         return department;
54     }
55
56     public int getYearOfJoining()
57     {
58         return yearOfJoining;
59     }
60
61     @Override
62     public String toString()
63     {
64         return "Id : "+id
65             +", Name : "+name
66             +", Age : "+age
67             +", Gender : "+gender
68             +", Department : "+department
69             +", Year Of Joining : "+yearOfJoining;
70     }
71 }
```

Solution.java

```

1 class Solution{
2     public Map<String, Double> avgAgeOfMaleAndFemales(List<Student> StudentList){
3         //Implement your code here
4     }
5 }
```

Execution files

vpl_evaluate.cases

```

1 case =1
2 output ={Male=30.181818181818183, Female=27.166666666666668}
3
```

Main.java

```

1 import java.util.*;
2 import java.util.stream.Collectors;
3 class Main{
4     public static void main(String args[]){
5         List<Student> StudentList = new ArrayList<Student>();
6         StudentList.add(new Student(111, "Jiya Brein", 32, "Female", "Humanities and Sciences", 2011));
7         StudentList.add(new Student(122, "Paul Niksui", 25, "Male", "Computer Science", 2015));
8         StudentList.add(new Student(133, "Martin Theron", 29, "Male", "Information Technology", 2012));
9         StudentList.add(new Student(144, "Murali Gowda", 28, "Male", "Artificial Intelligence", 2014));
10        StudentList.add(new Student(155, "Nima Roy", 27, "Female", "Humanities and Sciences", 2013));
11        StudentList.add(new Student(166, "Iqbal Hussain", 43, "Male", "Cyber Security", 2016));
12        StudentList.add(new Student(177, "Manu Sharma", 35, "Male", "Machine Learning", 2010));
13        StudentList.add(new Student(188, "Wang Liu", 31, "Male", "Artificial Intelligence", 2015));
14        StudentList.add(new Student(199, "Amelia Zoe", 24, "Female", "Computer Science", 2016));
15        StudentList.add(new Student(200, "Jaden Dough", 38, "Male", "Cyber Security", 2015));
16        StudentList.add(new Student(211, "Jasna Kaur", 27, "Female", "Information Technology", 2014));
17        StudentList.add(new Student(222, "Nitin Joshi", 25, "Male", "Artificial Intelligence", 2016));
18        StudentList.add(new Student(233, "Jyothi Reddy", 27, "Female", "Machine Learning", 2013));
19        StudentList.add(new Student(244, "Nicolus Den", 24, "Male", "Computer Science", 2017));
20        StudentList.add(new Student(255, "Ali Baig", 23, "Male", "Information Technology", 2018));
21        StudentList.add(new Student(266, "Sanvi Pandey", 26, "Female", "Artificial Intelligence", 2015));
22        StudentList.add(new Student(277, "Anuj Chettiar", 31, "Male", "Artificial Intelligence", 2012));
23
24        System.out.println(new Solution().avgAgeOfMaleAndFemales(StudentList));
25    }
26 }

```

Student.java

```

1 class Student
2 {
3     int id;
4
5     String name;
6
7     int age;
8
9     String gender;
10
11    String department;
12
13    int yearOfJoining;
14
15    public Student(int id, String name, int age, String gender, String department, int yearOfJoining )
16    {
17        this.id = id;
18        this.name = name;
19        this.age = age;
20        this.gender = gender;
21        this.department = department;
22        this.yearOfJoining = yearOfJoining;
23    }
24
25    public int getId()
26    {
27        return id;
28    }
29
30    public String getName()
31    {
32        return name;
33    }
34
35    public int getAge()
36    {
37        return age;
38    }
39
40    public String getGender()
41    {
42        return gender;
43    }
44
45    public String getDepartment()
46    {
47        return department;
48    }
49
50    public int getYearOfJoining()
51    {
52        return yearOfJoining;
53    }
54
55
56    @Override
57    public String toString()
58    {
59        return "Id : "+id
60                +", Name : "+name
61                +", Age : "+age
62                +", Gender : "+gender
63                +", Department : "+department
64                +", Year Of Joining : "+yearOfJoining;
65    }
66 }

```