Chaining Constructor using **this** keyword and extends that constructor using **super** keyword in another class:-

* Chaining Constructor Example :-

```java
1  package task.constructors;
2
3  public class EmpDetails {
4      EmpDetails() {
5          System.out.println("Display Employee Details :- ");
6      }
7
8      EmpDetails(String Emp_name, String Emp_city) {
9          this((long) 1234567890);
10         System.out.println("Emp Name : " + Emp_name);
11         System.out.println("Emp City : " + Emp_city);
12     }
13
14     EmpDetails(long Emp_Phone) {
15         this(10000);
16         System.out.println("Emp_Phone : " + Emp_Phone);
17     }
18
19     EmpDetails(int Emp_salary) {
20
21         System.out.println("Emp_Salary : " + Emp_salary);
22     }
23
24     EmpDetails(char Emp_gender) {
25         this();
26         System.out.println("Emp Gender : " + Emp_gender);
27
28     }
29
30     EmpDetails(double grading_points) {
31         System.out.println("Grading Point : " + grading_points); // Update Details in another class using super keyword
32     }
33
34     public static void main(String[] args) {
35         EmpDetails ED = new EmpDetails('M');
36         EmpDetails ED1 = new EmpDetails("Kumaresan", "Pudukkottai");
37
38     }
39
40 }
41
```

```
<terminated> EmpDetails (1) [Java Application] /home
Display Employee Details :-
Emp Gender : M
Emp_Salary : 10000
Emp_Phone : 1234567890
Emp Name : Kumaresan
Emp City : Pudukkottai
```

* extends **double type argument constructor** in another class constructor using **super** keyword :

```java
1  package task.constructors;
2
3  public class EmpDetailsUpdate extends EmpDetails {
4
5      EmpDetailsUpdate() {
6          super(80.9);
7      }
8
9      public static void main(String[] args) {
10
11         EmpDetailsUpdate EDU = new EmpDetailsUpdate();
12     }
13
14 }
```

```
<terminated> EmpDetailsUpdate
Grading Point : 80.9
```