

```
1
2 /**
3  This class illustrates overloading.
4  */
5 public class Overload
6 {
7     public static void main(String[] args)
8     {
9         double average1 = Overload.getAverage(40.0, 50.0);
10        double average2 = Overload.getAverage(1.0, 2.0, 3.0);
11        char    average3 = Overload.getAverage('a', 'c');
12
13        System.out.println("average1 = " + average1);
14        System.out.println("average2 = " + average2);
15        System.out.println("average3 = " + average3);
16    }
17
18    public static double getAverage(double first, double second)
19    {
20        return (first + second) / 2.0;
21    }
22
23    public static double getAverage(double first, double second,
24                                   double third)
25    {
26        return (first + second + third) / 3.0;
27    }
28
29    public static char getAverage(char first, char second)
30    {
31        return (char)(((int)first + (int)second) / 2);
32    }
33 }
34
```