Course Outcome 1 : Understand and apply the fundamentals of Java Programming and Object-Oriented Programming.

Experiment 02 : Programs on method and constructor overloading.

Problem Statement:

Write a Java program to create a class called `Calculator` that demonstrates:

1. **Constructor Overloading** — define two constructors:
   ○ One default constructor that prints a welcome message.
   ○ One parameterized constructor that takes two numbers and displays their sum.

2. **Method Overloading** — create a method `add()` with:
   ○ No parameters (adds two default numbers 5 and 10).
   ○ Two integer parameters (adds two integers passed to it).
   ○ Three float parameters (adds three floats passed to it).

In the `main` method, create objects of `Calculator` using both constructors and call the overloaded `add()` methods to display results.

Expected Output Example:
Sum of 15 and 25 is: 40

Sum of default numbers 5 and 10 is: 15
Sum of 20 and 30 is: 50
Sum of 12.5, 15.5 and 10.0 is: 38.0

Constructor Overloading:
Two constructors are defined — one default and one parameterized.

Method Overloading:
add() method is overloaded with:

● No parameters.
● Two integer parameters.
● Three float parameters.

In main() method:
Both constructors and the overloaded methods are called to demonstrate their behavior.