**Method overloading** in java – is when a class has multiple methods of the same name but different parameters. The main advantage of the method overloading is to increase the readability of the program. Method overloading is related to compile time polymorphism.

Ways to overload a method –

* By changing the number of arguments
  + Public static int sum(int a, int b)
    - Return sum
  + Public static int sum(int a, int b, int c)
    - Return sum
* By changing the data type
  + Public static int divide(int a, int b)
    - Return divide
  + Public static double divide(double a, double b, double c)
    - Return divide