Static functions

1. Static functions can use only static variables and static functions
2. If you want to call a function without creating object of the class then

Create those functions as static functions.

Function overloading

Within one class, if there are more than one function with same name

But differ in number of parameters or type of parameters then it is called as

Function overloading. It is also called as static polymorphism.

Assignment1

1. Write a Java program to design a Student class

For each Student store id,name,m1,m2,m3

In Student class add a function calPercentage,

calculateGPA

if percentage>80 GPA 🡪A

percentage is <80 and >70 then GPA ->B

percentage is <70 and >60 then GPA ->C

otherwise D

write TestStudent Class to store 10 Student objects

display menu

1. Add new Student ---------- it should accept data for one student and store in the array
2. Find percentage and GPA of a student --- accept id , find the student with the id, if found

Then display percentage and GPA

1. Display a student by id----------- accept id , find the student with the id, if found

Then display the student else display message not found

1. Display all student --- display all student
2. exit