new vs newInstance()

We can use new operator to create an object if we know class name at the beginning

Test t = new Test();

Student s = new Student();

newInstance() is a method present in Class class, we can use newInstance method to create object if we don’t know class name at the beginning and it is available dynamically at runtime.

Object o = Class.forName(args[0]).newInstance();

System.out.println(o.getClass().getName());

Webcontainer will use this methods to create servlets(Every servlets will contain no-arg methods).

In the case of new operator based on our requirement we can invoke any constructor.

Test t = new Test();

Test t1 = new Test(10);

newInstance() method internally calls no-args constructor compulsory corresponding class should contain no-arg constructor otherwise we will get run-time exception **InstantiationException**.