*Dt : 3/8/2023*

*Ex-program : DemoCon5.java*

```
import java.util.Scanner;
class Student
{
	String rollNo,name;
	Student(String rollNo,String name)
	{
		this.rollNo = rollNo;
		this.name = name;
	}
	void getStudent()
	{
		System.out.println("====StudentDetails====");
		System.out.println("StuRollNo:"+rollNo);
		System.out.println("StuName:"+name);
	}
}
class DemoCon5
{
	public static void main(String[] args)
	{
```

```
            Scanner s = new Scanner(System.in);
        System.out.println("*****Student-1******");
            System.out.println("Enter the RollNo:");
            String rNo1 = s.nextLine();
            System.out.println("Enter the StuName:");
            String stuName1 = s.nextLine();
            Student ob1 = new Student(rNo1,stuName1);//Con_call


        System.out.println("*****Student-2******");
            System.out.println("Enter the RollNo:");
            String rNo2 = s.nextLine();
            System.out.println("Enter the StuName:");
            String stuName2 = s.nextLine();
        Student ob2 = new Student(rNo2,stuName2);//Con_call


        System.out.println("====Student-1=====");
            ob1.getStudent();
        System.out.println("====Student-2=====");
            ob2.getStudent();
      }
}
```

*o/p:*

******Student-1*******

*Enter the RollNo:*

*1234505890*

*Enter the StuName:*

*Raj*

******Student-2*******

*Enter the RollNo:*

*2134560490*

*Enter the StuName:*

*Alex*

*====Student-1=====*

*====StudentDetails====*

*StuRollNo:1234505890*

*StuName:Raj*

*====Student-2=====*

*====StudentDetails====*

*StuRollNo:2134560490*

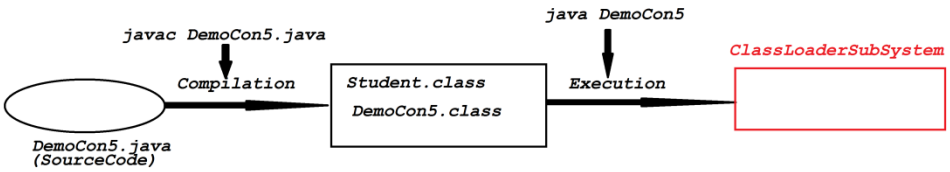
*StuName:Alex*

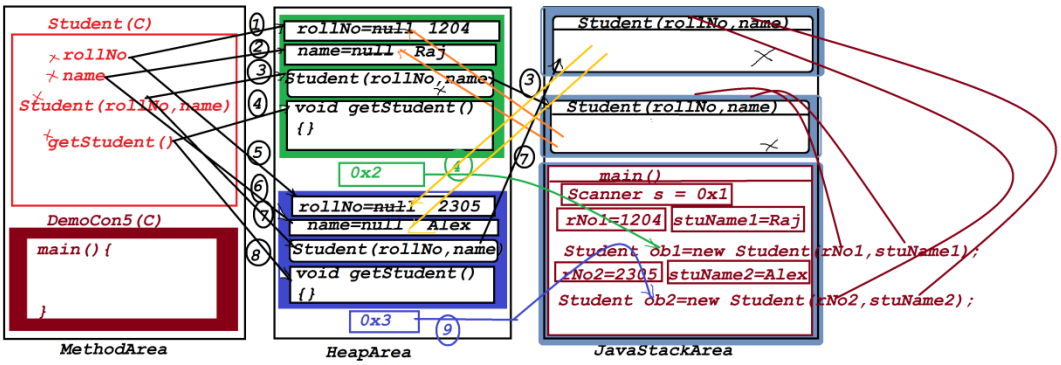
*Execution flow of above program:*

*ClassFiles:*

*Student.class*

***DemoCon5.class(MainClass)***

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***Note:***

***=>Classes in Java can generate any number of Objects without restriction,and the***

***multiple objects generated from the class are independent by their memory location***

***on HeapArea.***

***=>In realtime multiple objects generated from the class will hold Database***

***table data,which means each object will hold one database table record.***

***=>In the process of generating multiple Objects the class is loaded only once.***

***==========***

*imp

Blocks in Java:

=>Set-of-statements which are declared within the flower brackets and executed

automatically is known as block.

=>Blocks in Java are categorized into two types:

1.Static blocks

2.NonStatic blocks(Instance blocks)

1.Static blocks:

=>The blocks which are declared with "static" keyword are known as static-blocks

syntax:

```
static
{
 //set-of-statements
}
```

Execution behaviour:

=>static block is executed only once with highest priority when the class is used

for the first time for execution.

***=>Static blocks can access static variables directly available in the same class,***

***but cannot access instance variables directly.***

***----------***