CSE 215: Programming Language II Lab
Lab – 6
Methods Overloading

Number of parameters.

```
add(int, int)
add(int, int, int)
```

Data type of parameters.
```
add(int, float)
add(float, int)
```

Sequence of Data type of parameters

```
add(int, float)
add(float, int)
```

Example:

```java
class DisplayOverloading
{
    public void disp(char c)
    {
        System.out.println(c);
    }
    public void disp(char c, int num)
    {
        System.out.println(c + " "+num);
    }
}
class Sample
{
   public static void main(String args[])
   {
      DisplayOverloading obj = new DisplayOverloading();
      obj.disp('a');
      obj.disp('a',10);
   }
```

Tasks:

1. Create a class to print an integer and a character with two methods having the same name but different sequence of the integer and the character parameters. For example, if the parameters of the first method are of the form (int n, char c), then that of the second method will be of the form (char c, int n).

2. Create a Class Named Students with two methods having same name but different in number of parameter.
   In first method parameters will be name[],id[],cgpa[]—It will print all infomations and also print the sum,average of cgpa.

   In Second method parameters will be name[],marks[]—It will print top scorer's Information.