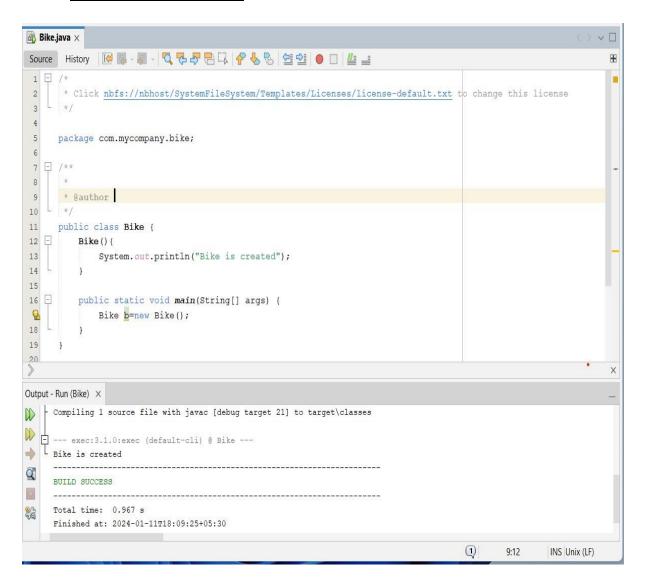
Practical 1: OOPs Concept in Java-1

a. Write a program to create a class and implement default, overloaded and copy constructor.

Default Constructor



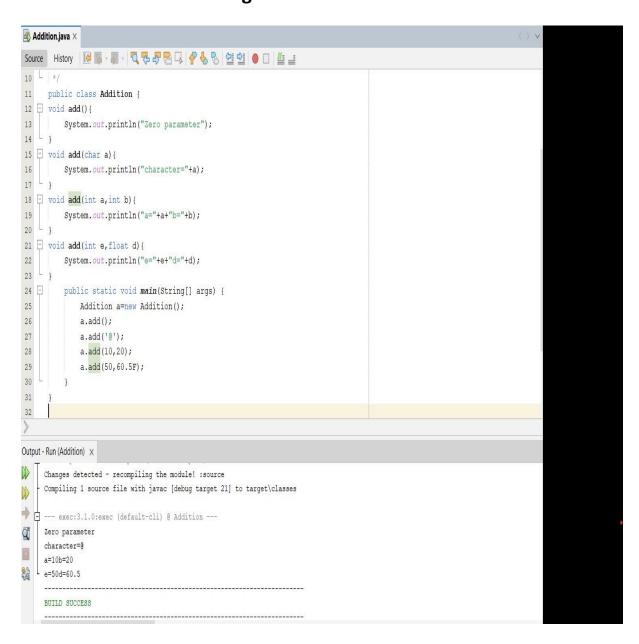
Overloaded Constructor

```
Source History 🔯 📮 - 📮 - 💆 🖓 🖶 📮 🗸 🔗 😫 💇 🔵 🔲 😃 🚅
 7 - /**
9 * @author */
public class Add {
            System.out.println("Hiiii");
13
 15 🖃
         Add(int a) {
16
             System.out.println("a="+a);
 18
         Add (char c) {
 19
            System.out.println("c="+c);
20
21 📮
         public static void main(String[] args) {
          Add obj1=new Add();
Add obj2=new Add(10);
Add obj3=new Add('0');
 0
26
27
>
Output - Run (add) ×
    Changes detected - recompiling the module! :source
Compiling 1 source file with javac [debug target 21] to target\classes
W
Hiiii
Q"
   _ c=@
03
    BUILD SUCCESS
     Total time: 1.091 s
```

Copy Constructor

```
Student1.java ×
Source History 🔯 🖫 - 🐺 - 🔍 禄 🚭 📮 🖟 😓 😭 💇 🎱 🔘 🗆 🕌 🚅
     public class Student1 {
         int id;
           String name;
          Student1 (int i, String n) {
15
          id=i;
name=n;
18 Student1 (Student1 s) {
20
              name=s.name;
22 void display() {
         System.out.println(id+""+name);
23
public static void main(String[] args) {
Student1 s1=new Student1(111, "Karan");
              Student1 s2=new Student1(s1);
               s1.display();
          s2.display();
30
      }
Changes detected - recompiling the module! :source
Compiling 1 source file with javac [debug target 21] to target\classes
exec:3.1.0:exec (default-cli) @ Student1 --
→ □
111Karan
111Karan
100
    BUILD SUCCESS
```

b. Write a program to create a class and implement the concept of Method Overloading.



c. Write a program to create a class in implement the method of Static methods.

