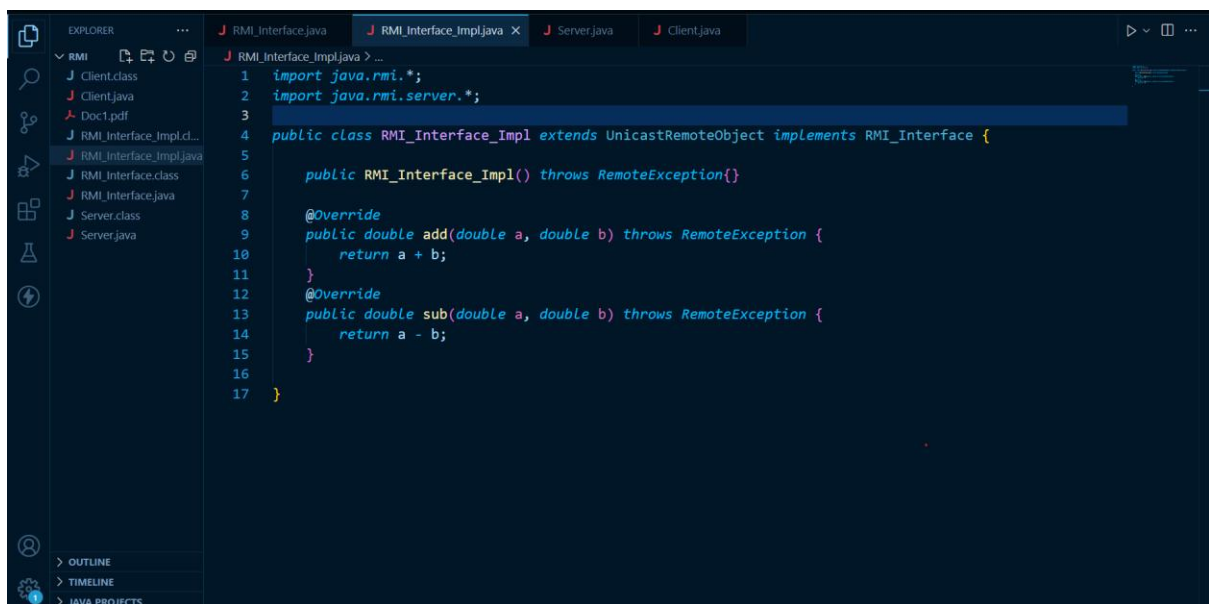
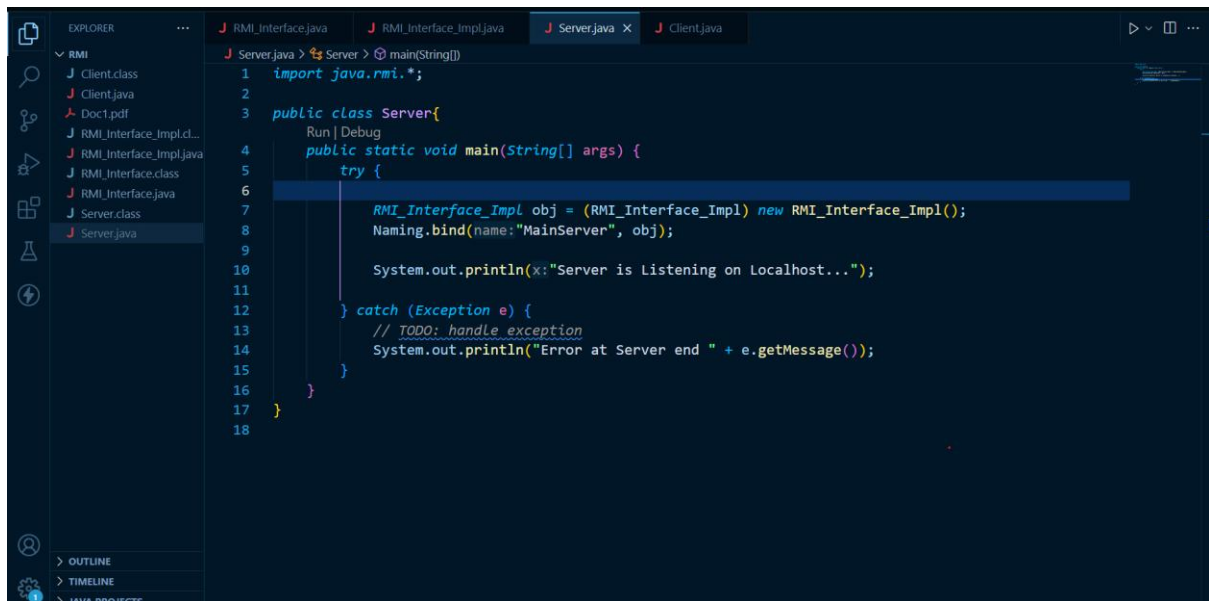


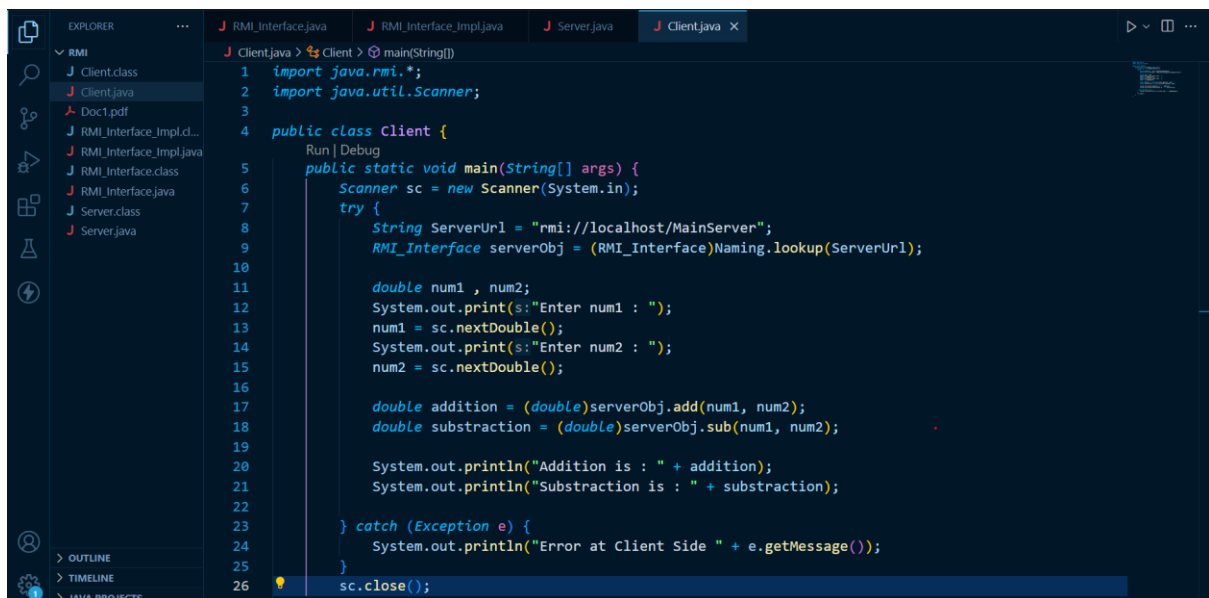
```
1  import java.rmi.*;
2
3  public interface RMI_Interface extends Remote {
4      public double add(double a,double b) throws RemoteException;
5      public double sub(double a,double b) throws RemoteException;
6  }
7
```



```
1  import java.rmi.*;
2  import java.rmi.server.*;
3
4  public class RMI_Interface_Impl extends UnicastRemoteObject implements RMI_Interface {
5
6      public RMI_Interface_Impl() throws RemoteException{}
7
8      @Override
9      public double add(double a, double b) throws RemoteException {
10         return a + b;
11     }
12     @Override
13     public double sub(double a, double b) throws RemoteException {
14         return a - b;
15     }
16
17 }
```



```
1 import java.rmi.*;
2
3 public class Server{
4     Run | Debug
5     public static void main(String[] args) {
6         try {
7             RMI_Interface_Impl obj = (RMI_Interface_Impl) new RMI_Interface_Impl();
8             Naming.bind(name:"MainServer", obj);
9
10            System.out.println(x:"Server is Listening on Localhost...");
11
12        } catch (Exception e) {
13            // TODO: handle exception
14            System.out.println("Error at Server end " + e.getMessage());
15        }
16    }
17 }
18
```



```
1 import java.rmi.*;
2 import java.util.Scanner;
3
4 public class Client {
5     Run | Debug
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         try {
9             String ServerUrl = "rmi://localhost/MainServer";
10            RMI_Interface serverObj = (RMI_Interface)Naming.lookup(ServerUrl);
11
12            double num1 , num2;
13            System.out.print(s:"Enter num1 : ");
14            num1 = sc.nextDouble();
15            System.out.print(s:"Enter num2 : ");
16            num2 = sc.nextDouble();
17
18            double addition = (double)serverObj.add(num1, num2);
19            double subtraction = (double)serverObj.sub(num1, num2);
20
21            System.out.println("Addition is : " + addition);
22            System.out.println("Substraction is : " + subtraction);
23
24        } catch (Exception e) {
25            System.out.println("Error at Client Side " + e.getMessage());
26        }
27        sc.close();
28    }
29 }
```