**Expt12**

**import java.io.\*; import java.net.\*;**

**public class Expt12\_3 {**

**public static void main(String a[]) {**

**String serverName = "localhost";**

**int port = 6066;**

**try {**

**Socket client = new Socket(serverName,port);**

**OutputStream outToServer = client.getOutputStream();**

**DataOutputStream out = new DataOutputStream(outToServer);**

**out.writeUTF("Hello from client");**

**InputStream inFromServer = client.getInputStream();**

**DataInputStream in = new DataInputStream(inFromServer);**

**System.out.println("Server says"+in.readUTF());**

**System.out.println("Enter a number");**

**BufferedReader b = new BufferedReader(new InputStreamReader(System.in));**

**out.writeUTF(b.readLine());**

**System.out.println("Reply from server"+in.readUTF());**

**client.close();**

**} catch(Exception e) {}}}**

**import java.io.\*; import java.net.\*;**

**public class Expt12\_3\_1 {**

**public static void main(String a[]) {**

**int port = 6066;**

**try {**

**ServerSocket serverSocket = new ServerSocket(port);**

**System.out.println("Waiting for client");**

**Socket server = serverSocket.accept();**

**DataInputStream in = new DataInputStream(server.getInputStream());**

**System.out.println(in.readUTF());**

**DataOutputStream out = new DataOutputStream(server.getOutputStream());**

**out.writeUTF("Helloo from server");**

**int value = Integer.parseInt(in.readUTF());**

**System.out.println("Value send is "+value);**

**int flag=0;**

**for(int t=2;t<value;t++) {**

**if(value%t==0) {**

**flag=1;**

**} }**

**if(flag==0) {**

**out.writeUTF("The number is prime");**

**} else {**

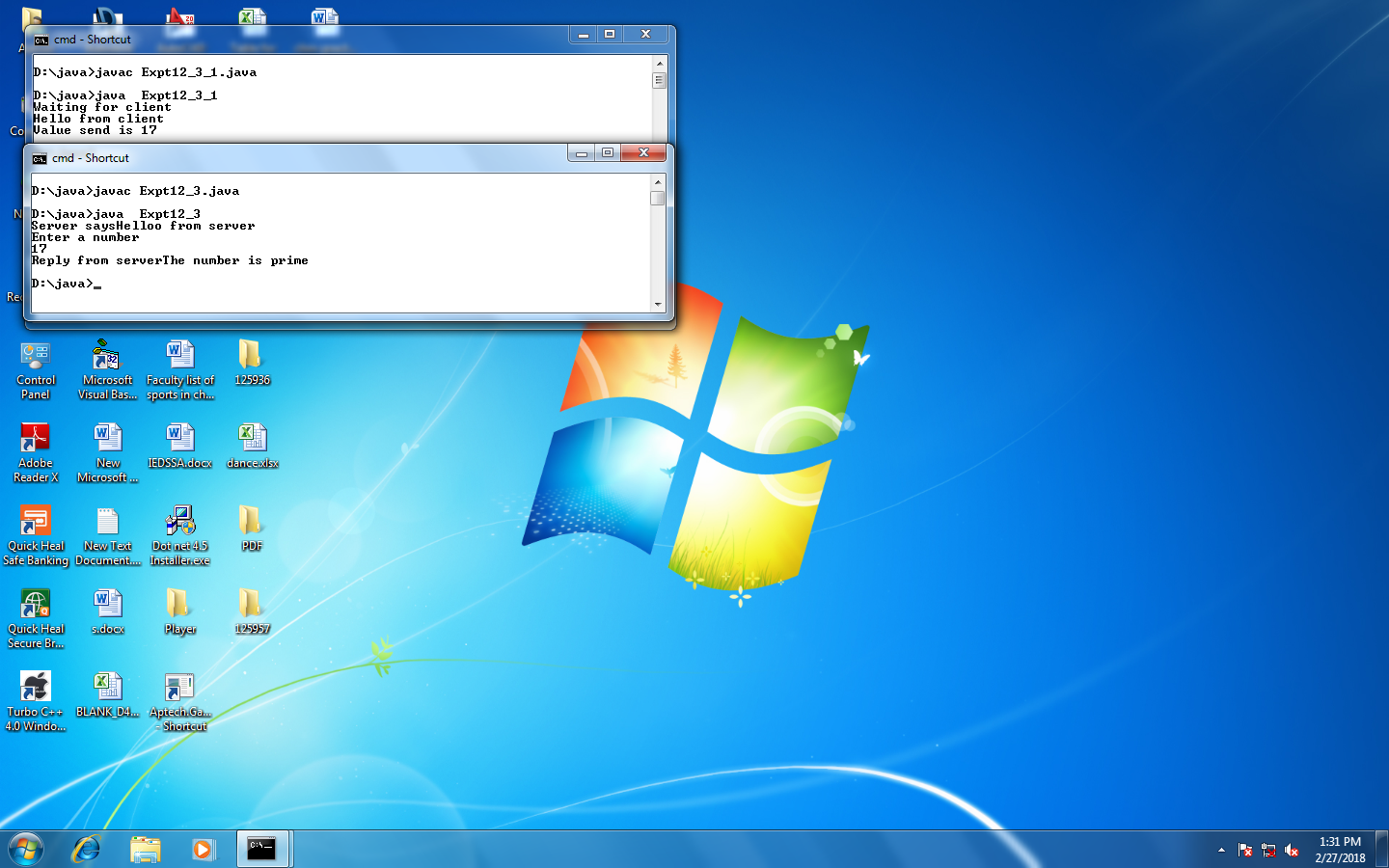
**out.writeUTF("The number is not prime");**

**}**

**server.close();**

**} catch(Exception e) {}}}**

**Output:**

****