LAB 7

1.Write a Java program to associate the specified value with the specified key in a HashMap.

```java
import java.util.HashMap;

public class Lab7a {

    public static void main(String[] args) {

        HashMap<String, String> map = new HashMap<>();

 map.put("Name", "Neetu Sharma");

        map.put("Course", "MCA");

        map.put("Year", "2nd");

System.out.println("Current HashMap is: " + map);
String key = "age";

        String value = "21";

        map.put(key, value);

 System.out.println("Updated HashMap is: " + map);

    }
}
```
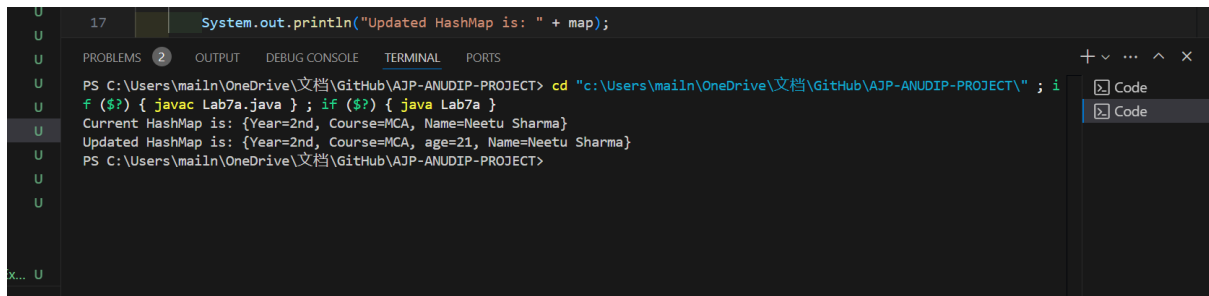
2.Write a Java program to check whether a HashMap contains key-value mappings (empty) or not.

import java.util.HashMap;

public class Lab7b {

    public static void main(String[] args) {

        HashMap<String, String> map = new HashMap<>();

        if (map.isEmpty()) {
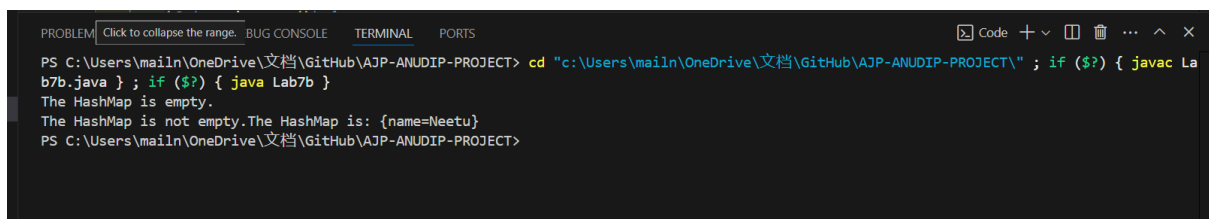
            System.out.println("The HashMap is empty.");

        } else {

            System.out.println("The HashMap is not empty.");

        }

        map.put("name", "Neetu");

```java
        if (map.isEmpty()) {

            System.out.println("The HashMap is empty.");

        } else {

            System.out.println("The HashMap is not
empty.The HashMap is: "+ map);

        }

    }

}
```