6. Writing a program in Java to verify implementations of maps.

ALGORITHM

Step 1: Start

Step 2: Create hash map

Step 3: Add items using put( )

Step 4: Iterate through list and display values

Step 5: Create linked hash map

Step 6: Add items using put()

Step 7: Iterate through list and display values

Step 8: Stop

SOURCE CODE

```
//implementation of maps
package assistedPracticeProject;
import java.util.*; //importing classes
public class Practice_Project6
{
        public static void main(String args[])
  {
    // Creating HashMap
    Map<String, Integer> hm= new HashMap<String, Integer>();
    System.out.println("\n---ASCII TABLE--\n");
    // using put() method inserting items
    hm.put("A", new Integer(65));
    hm.put("B", new Integer(66));
    hm.put("C", new Integer(67));
    hm.put("D", new Integer(68));

        for (Map.Entry<String, Integer> pp1 : hm.entrySet()) //iterate
```
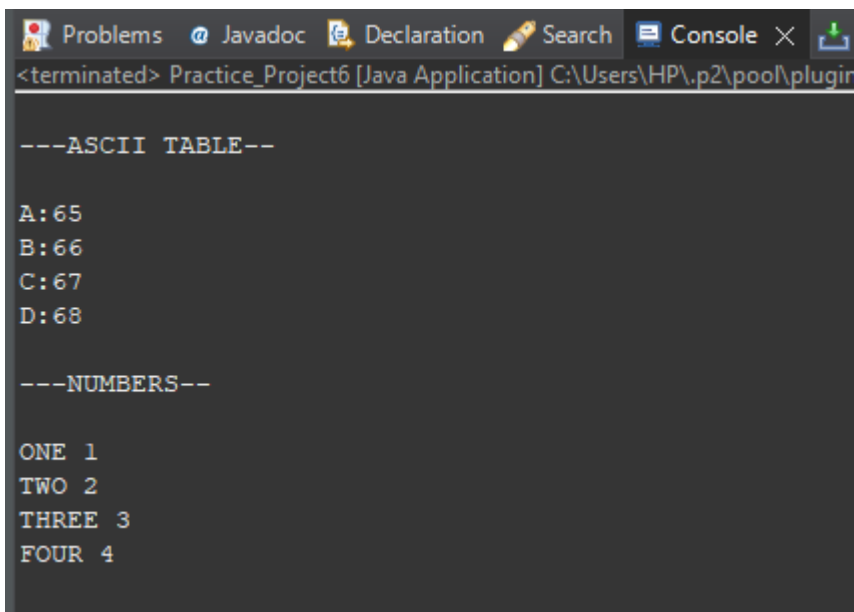
```java
        {
            System.out.print(pp1.getKey() + ":"); //displaying keys
            System.out.println(pp1.getValue());//displaying values
        }
    // Creating  LinkedHashMap
        Map<String, Integer> lhm = new LinkedHashMap<>();
        System.out.println("\n---NUMBERS--\n");
        // Inserting using put()
        lhm.put("ONE", 1);
        lhm.put("TWO", 2);
        lhm.put("THREE",3);
        lhm.put("FOUR", 4);
        // Iterating
        for (Map.Entry<String, Integer> i : lhm.entrySet())
            // Printing key-value
        System.out.println(i.getKey() + " " + i.getValue());
    }
}
```

OUTPUT