PRACTICE-PROJECT6

IMPLEMENTATIONS OF MAPS –

**package** practice;

**import** java.util.\*;

**public** **class** Map {

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

HashMap<String, String> capitalCities =

**new** HashMap<String, String>();

// Add keys and values (Country, City)

capitalCities.put("Fiji", "Suva");

capitalCities.put("France", "Paris");

capitalCities.put("India", "Delhi");

capitalCities.put("Switzerland", "Bern");

System.***out***.println(capitalCities);

//HashTable

Hashtable<Integer,String> hm=**new**

Hashtable<Integer,String>();

System.***out***.println("\n");

hm.put(1,"Nihar");

hm.put(2,"Bibhu");

hm.put(3,"Popsy");

hm.put(4,"Rohit");

**for**(Map.Entry m:hm.entrySet()){

System.out.println(m.getKey()+" \"+m.getValue());

}

//TreeMap

Map<String, Integer> treeMap = **new**

TreeMap<>();

System.***out***.println("\n");

treeMap.put("A", 1);

treeMap.put("C", 3);

treeMap.put("B", 2);

**int** valueA = treeMap.get("A");

System.***out***.println("Value of A: " +

valueA);

treeMap.remove("B");

**for** (String key : treeMap.keySet()) {

System.***out***.println("Key: " + key +

", Value: " + treeMap.get(key));

}

}

}