**e) Map**

Program:

import java.awt.Color;

import java.util.HashMap;

import java.util.Map;

import java.util.Set;

public class MapDemo

{

public static void main(String[] args)

{

Map<String, Color> favoriteColors = new HashMap<String, Color>(); favoriteColors.put("sai", Color.*BLUE*); favoriteColors.put("Ram", Color.*GREEN*); favoriteColors.put("krishna", Color.*RED*);

favoriteColors.put("narayana", Color.*BLUE*); // Print all keys and values in the map

Set<String> keySet = favoriteColors.keySet(); for (String key : keySet)

{

Color value = favoriteColors.get(key);

System.*out*.println(key + " : " + value);

}

}

}

Output:

narayana : java.awt.Color[r=0,g=0,b=255]

sai : java.awt.Color[r=0,g=0,b=255]

krishna : java.awt.Color[r=255,g=0,b=0]

Ram : java.awt.Color[r=0,g=255,b=0]