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Title: - Hashmap

Problem Statement: - Write a code in java for creating a HashMap for student data which has Student roll number as key and Name as value and print all the students details.

import javax.swing.\*;

import java.util.Iterator;

import java.util.Set;

import java.util.Map;

import java.util.LinkedHashMap;

public class assignment13 {

static Map<Integer, String> scores

= new LinkedHashMap <>();

public static void addElement(int r,String n)

{

scores.put(r, n);

}

public static void printHashmap()

{

JFrame f;

f=new JFrame();

Object[][] data = new Object[scores.size()][2];

Set<?> entries = scores.entrySet();

Iterator<?> entriesIterator = entries.iterator();

int i = 0;

while(entriesIterator.hasNext()){

Map.Entry mapping = (Map.Entry) entriesIterator.next();

data[i][0] = mapping.getKey();

data[i][1] = mapping.getValue();

i++;

}

/\*\*/

String column[]={"ROLLNO","NAME"};

JTable jt=new JTable(data,column);

jt.setBounds(30,40,200,300);

JScrollPane sp=new JScrollPane(jt);

f.add(sp);

f.setSize(300,400);

f.setVisible(true);

}

public static void main(String[] args) {

addElement(15,"Nitish");

addElement(20,"Shivam");

addElement(30,"Nikhil");

addElement(46,"Vaibhav");

printHashmap();

}

}