



CHANDIGARH UNIVERSITY

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UNIVERSITY INSTITUTE OF ENGINEERING

Department of Computer Science & Engineering

Subject Name:

Subject Code: 20CSP 321

Submitted to:

Er. Kirat Kaur

Submitted by:

Name: Rajiv Paul

UID:20BCS1812

Section:20BCS_WM-702

Group: A

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Ex. No	List of Experiments	Date	Conduct (MM: 12)	Viva (MM: 10)	Record (MM: 8)	Total (MM: 30)	Remarks/Signature
1.1	Create an application to save the employees information using arrays	16/8/22					
1.2	Design and implement a simple inventory control system for a small video rental store	26/8/22					
1.3	Calculate interest based on the type of the account and the status of the account holder. The rates of interest changes according to the amount (greater than or less than 1 crore), age of account holder (General or Senior citizen) and number of days if the type of account is FD or RD.	6/9/22					
2.1	Create a program to set view of Keys from Java Hashtable.	16/9/22					
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Experiment 4

Student Name:Rajiv Paul

UID:20BCS1812

Branch:CSE

Section/Group:702A

Semester: 5th

Date of Performance: 16/9/2022

Subject Name:PBLJ Lab

Subject Code: 20CSP 321

1. Aim:

To create a program to set view of keys from Java HashTable.

2. Requirements:

Software:

IntelliJ IDEA, JDK,MacOs,Netbeans

Hardware:

Macbook(Laptop)

Ram:4GB(Minimum)

Processor: M1

3. Code:

```
package com.PBLJ;

import java.util.*;
import java.util.Enumeration;

// create a program to set view of keys from Java HashTables

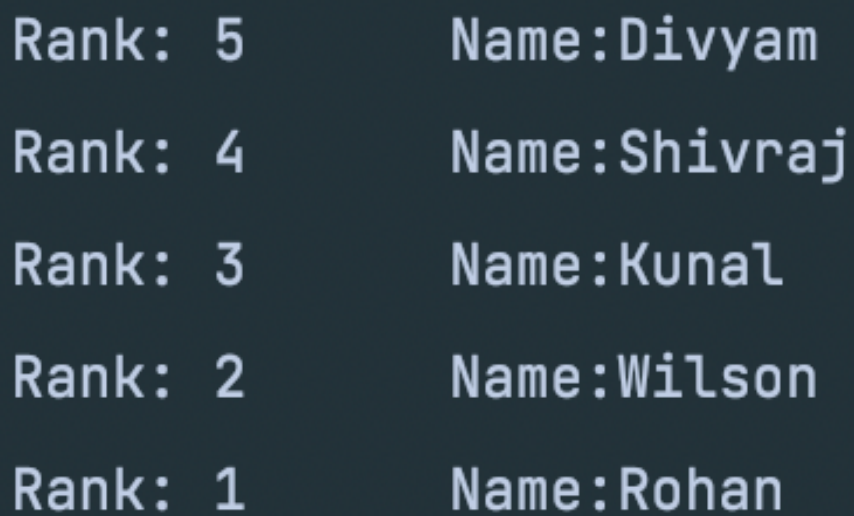
public class Project4 {
    public static void main(String[] args) {
        Hashtable<Integer,String> Ht= new Hashtable<>();

        Ht.put(1,"Rohan");
        Ht.put(2,"Wilson");
        Ht.put(3,"Kunal");
        Ht.put(4,"Shivraj");
        Ht.put(5,"Divyam");

        Enumeration<Integer> E= Ht.keys();
        Enumeration<String> En= Ht.elements();
```

```
        while (E.hasMoreElements()){  
            System.out.println("Rank: "+E.nextElement()+"\t \t \Name:"  
+E.nextElement());  
        }  
    }  
}
```

4. Output:



```
Rank: 5      Name:Divyam  
Rank: 4      Name:Shivraj  
Rank: 3      Name:Kunal  
Rank: 2      Name:Wilson  
Rank: 1      Name:Rohan
```

Learning outcomes (What I have learnt):

- 1.** Learnt about collection and frameworks .
- 2.** Learnt about Enumeration .
- 3.** Learnt how to implement HashTable.
- 4.** Leant how to implement Enumeration.
- 5.** Learnt how Enumeration and HashTable works.