

SKILLING EXERCISE-6

Name: Badisa Naveen

Reg.no: 2000031509

Code:

```
package naveen;
class Employee
{
    private String name;
    private double salary;
    public Employee(String name)
    {
        this.name=name;
        salary=0;
    }
    public String toString()
    {
        return "[Name= "+name+",Salary= "+salary+"]\n";
    }
}

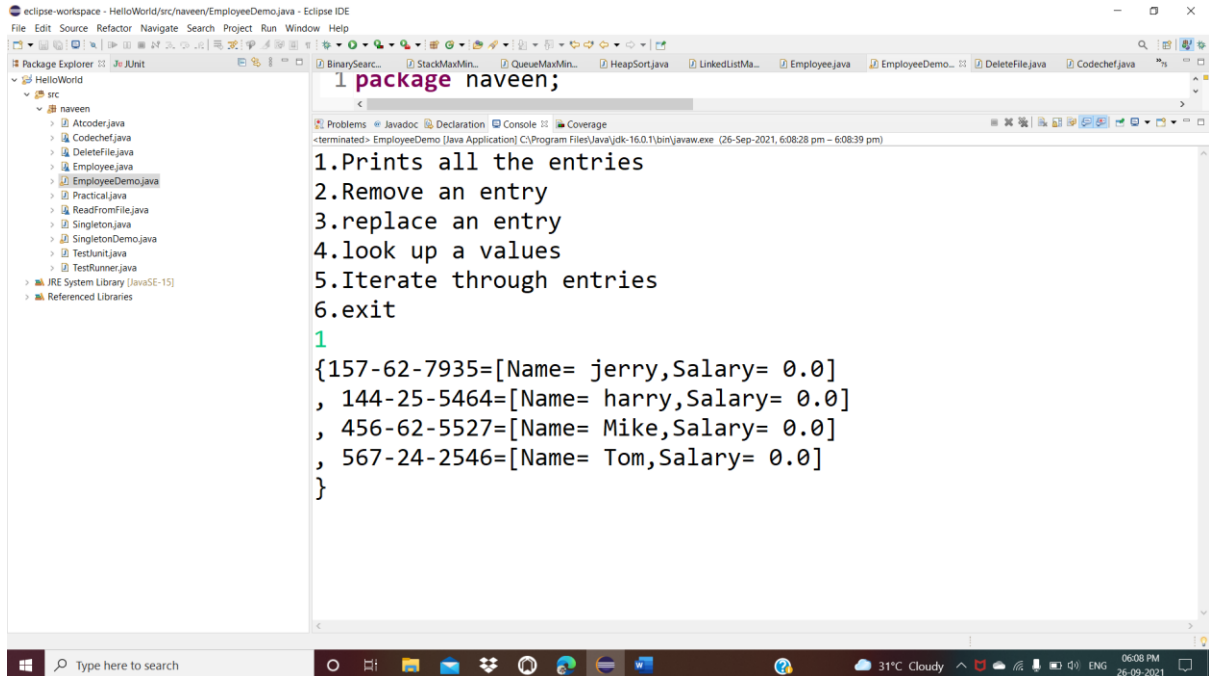
package naveen;
import java.util.Scanner;
import java.util.*;
public class EmployeeDemo {
    public static void main(String[] args)
    {
        Scanner sc = new Scanner(System.in);
        Map<String,Employee> s = new HashMap();
        s.put("144-25-5464", new Employee("harry"));
        s.put("567-24-2546", new Employee("Tom"));
        s.put("157-62-7935", new Employee("jerry"));
        s.put("456-62-5527", new Employee("Mike"));
```

```
System.out.println("1.Prints all the entries\n2.Remove an  
entry\n3.replace an entry\n4.look up a values\n5.Iterate through  
entries\n6.exit");
```

```
switch(sc.nextInt())  
{  
    case 1:  
        System.out.println(s);  
        break;  
    case 2:  
        s.remove("567-24-2546");  
        System.out.println("Removed successfully");  
        break;  
    case 3:  
        s.put("456-62-5527", new Employee("john"));  
        System.out.println("successfully replaced");  
        break;  
    case 4:  
        System.out.println(s.get("157-62-7935"));  
        break;  
    case 5:  
        for(Map.Entry<String,  
Employee>entry:s.entrySet())  
        {  
            System.out.println("key=  
"+entry.getKey()+",Value= "+entry.getValue()+"\n");  
        }  
        break;  
    case 6:  
        System.out.println("enter correct input");  
        break;  
}  
  
sc.close();  
  
}  
  
}
```

ScreenShots:

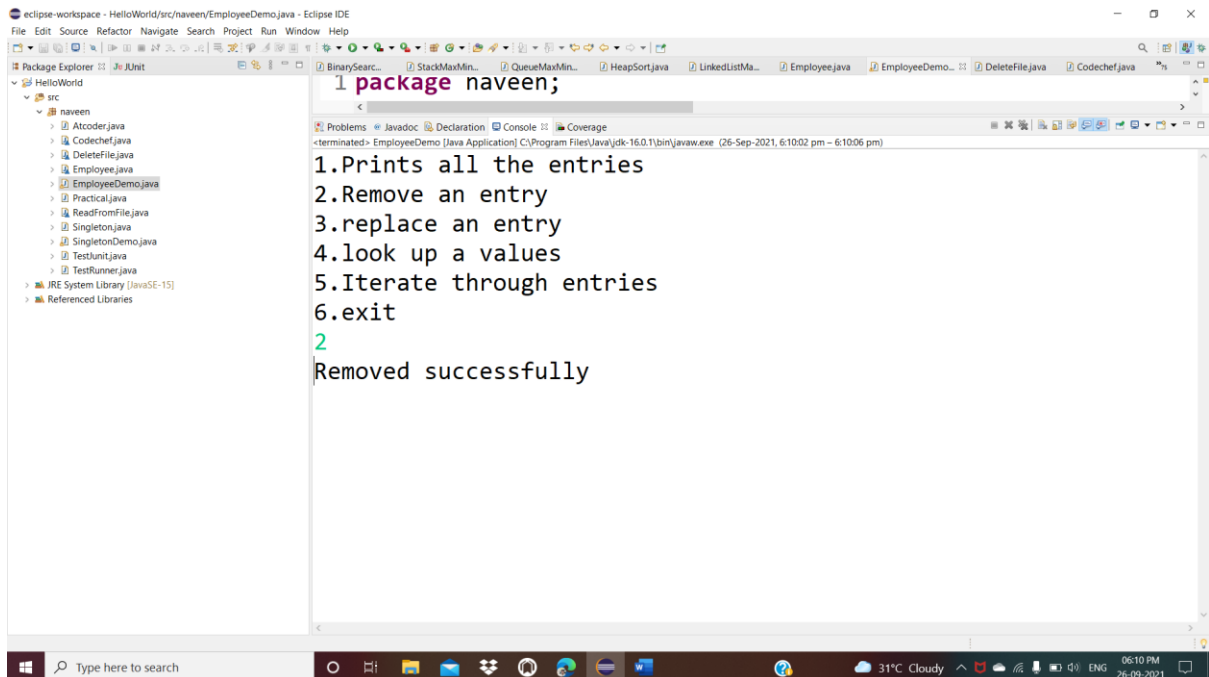
1. Prints all the entries:



The screenshot shows the Eclipse IDE with the 'EmployeeDemo.java' file open. The package is 'naveen'. The console output displays a list of employee entries:

```
1 package naveen;  
  
1 Prints all the entries  
2 Remove an entry  
3 replace an entry  
4 look up a values  
5 Iterate through entries  
6 exit  
1  
{157-62-7935=[Name= jerry,Salary= 0.0]  
 , 144-25-5464=[Name= harry,Salary= 0.0]  
 , 456-62-5527=[Name= Mike,Salary= 0.0]  
 , 567-24-2546=[Name= Tom,Salary= 0.0]  
 }
```

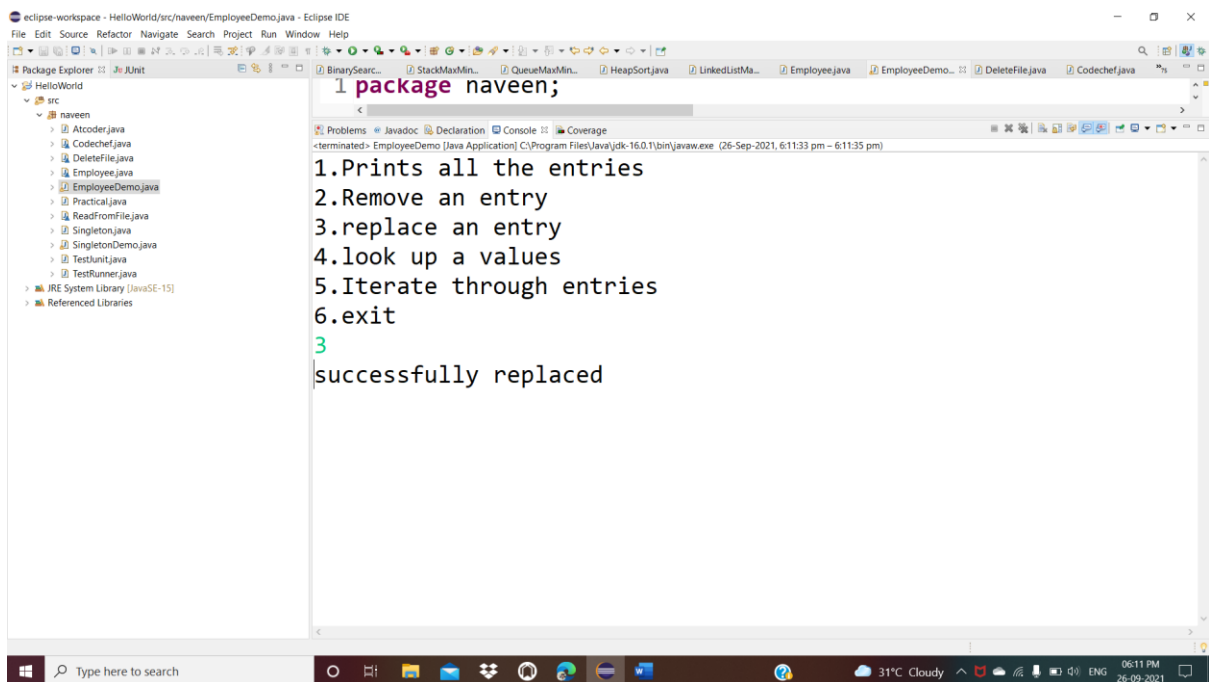
2.Remove an entry:



The screenshot shows the Eclipse IDE with the 'EmployeeDemo.java' file open. The package is 'naveen'. The console output displays the result of removing an entry:

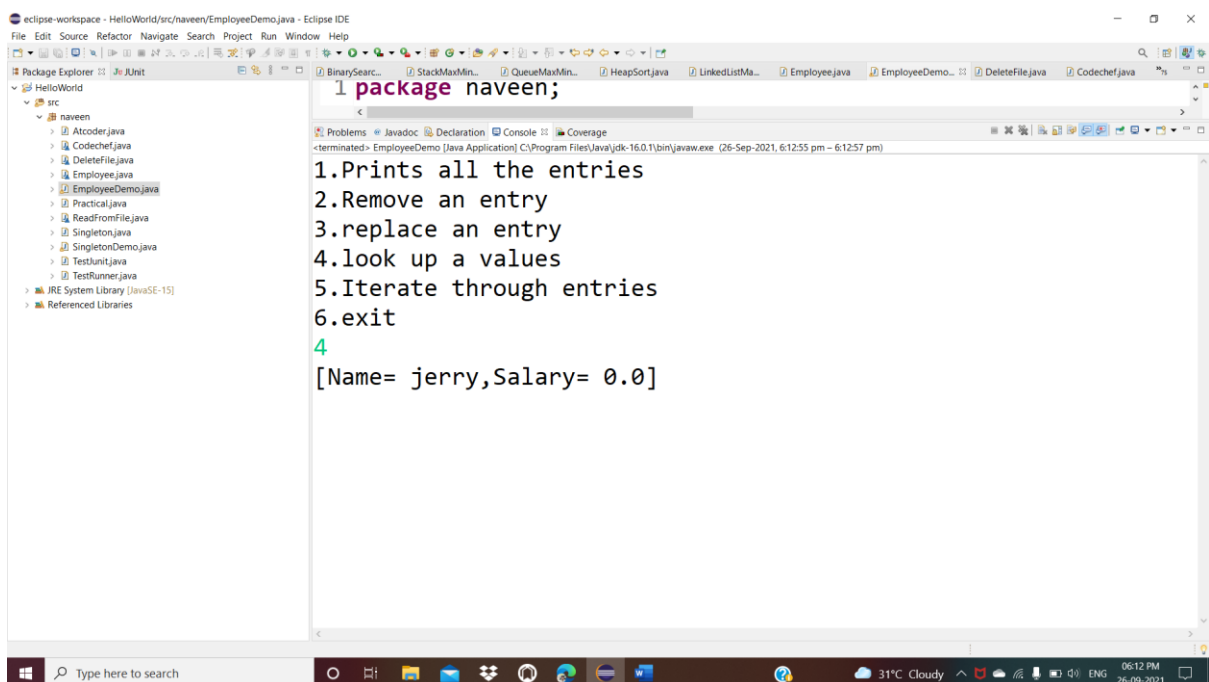
```
1 package naveen;  
  
1 Prints all the entries  
2 Remove an entry  
3 replace an entry  
4 look up a values  
5 Iterate through entries  
6 exit  
2  
Removed successfully
```

3. Replace an Entry:



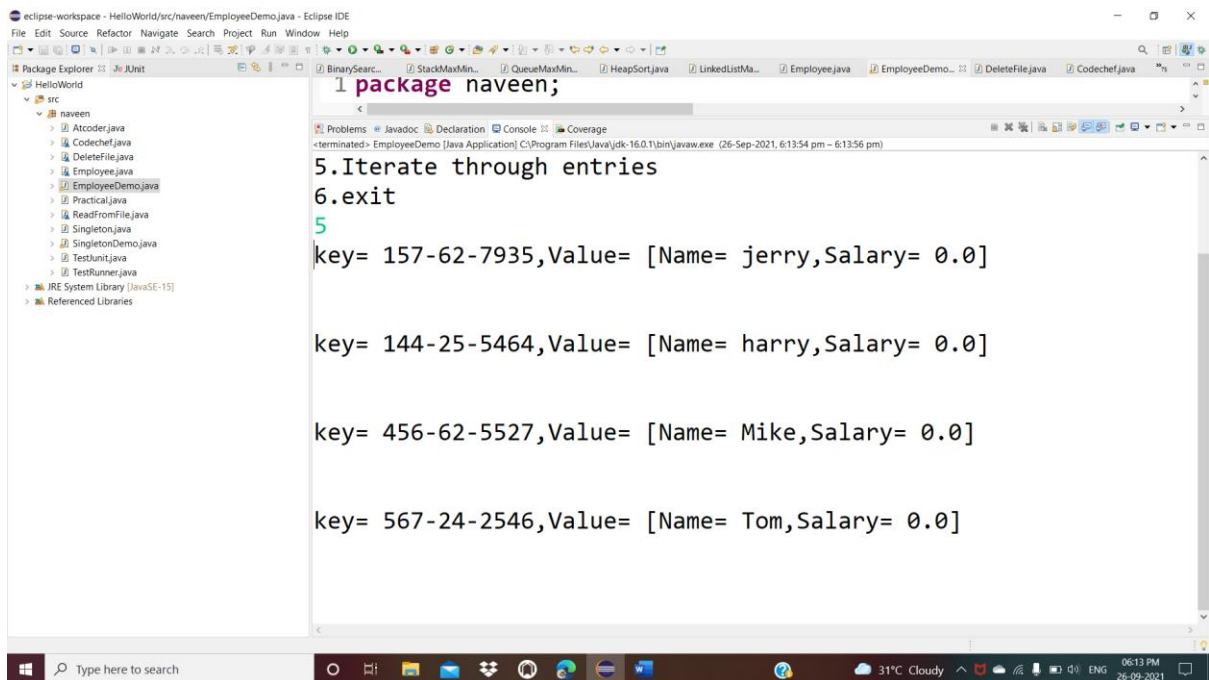
```
package naveen;  
  
1. Prints all the entries  
2. Remove an entry  
3. replace an entry  
4. look up a values  
5. Iterate through entries  
6. exit  
3  
successfully replaced
```

4. Look up a values:



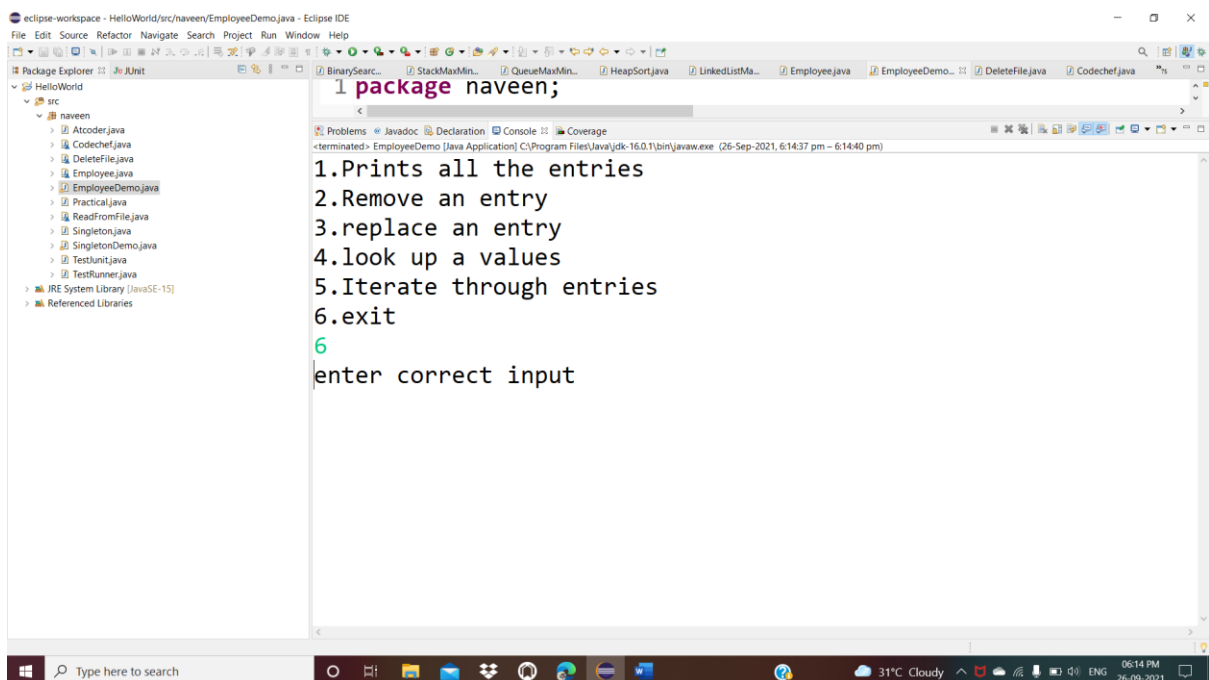
```
package naveen;  
  
1. Prints all the entries  
2. Remove an entry  
3. replace an entry  
4. look up a values  
5. Iterate through entries  
6. exit  
4  
[Name= jerry,Salary= 0.0]
```

5. Iterate through entries:



```
1 package naveen;  
  
5. Iterate through entries  
6. exit  
5  
key= 157-62-7935, Value= [Name= jerry, Salary= 0.0]  
  
key= 144-25-5464, Value= [Name= harry, Salary= 0.0]  
  
key= 456-62-5527, Value= [Name= Mike, Salary= 0.0]  
  
key= 567-24-2546, Value= [Name= Tom, Salary= 0.0]
```

6. Exit:



```
1 package naveen;  
  
1. Prints all the entries  
2. Remove an entry  
3. replace an entry  
4. look up a values  
5. Iterate through entries  
6. exit  
6  
enter correct input
```