```java
//Student's Full name: Tasfique Enam
//Student's ID: 5886429
//Task1
package labtask9;


public class Movie {
    String title; //variables
    Double duration;
    int rating;

    public Movie(String title, double duration, int rating){ //setting details.
        this.title = title;
        this.duration = duration;
        this.rating = rating;
    }

    String getTitle(){ //get method
        return title;
    }

    Double getDuration(){
        return duration;
    }

    int getRating(){
        return rating;
```

```java
    }

    @Override
    public String toString(){
        return title + duration + rating;
    }

}
```

//Student's Full name: Tasfique Enam

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//Task1

```java
package labtask9;

import java.util.*;

public class Theatre {
    public static void main(String[]args){
        List<Movie> list = new ArrayList<Movie>();

        list.add(new Movie("Meaning of Life ",2,2)); //populating data in collection array list
        list.add(new Movie("Existence is Pain ",3,4));
        list.add(new Movie("Death is Eminent ",3,4));

        Iterator<Movie> itr = list.iterator(); //using iterator
        Movie retrieveMovie;
```

```java
        while (itr.hasNext())

        {

            retrieveMovie = itr.next();

            System.out.println("Title "+retrieveMovie.getTitle() + " Duration "+
retrieveMovie.getDuration() + " Rating " + retrieveMovie.getRating());

        }

    }


}


//Student's Full name: Tasfique Enam
//Student's ID: 5886429
//Task2
package labtask9;


import java.util.*;
import java.util.HashMap;
import javax.swing.*;


public class DictionaryMain {
    public static void main (String[]args){


        HashMap <String, String> dictionary = new HashMap <String, String> ();
        dictionary.put("world","the earth together");
        dictionary.put("table","Place where you keep things");
        String word = JOptionPane.showInputDialog("Enter Word ");
        JOptionPane.showMessageDialog(null, dictionary.get(word));
```

```java
        String definition = null;

        if ((definition = dictionary.get(word)) != null){ //if the word exists

        word = JOptionPane.showInputDialog("Enter Word ");

        JOptionPane.showMessageDialog(null, dictionary.get(word));

        return;

        }else{

        word = JOptionPane.showInputDialog("Enter new Word "); //if the word
doesn't exist.

        String meaning = JOptionPane.showInputDialog("Enter the meaning of the
new word ");

        String prevvalue = (String)dictionary.put(word , meaning);

        word = JOptionPane.showInputDialog("Enter Word ");

        JOptionPane.showMessageDialog(null, dictionary.get(word));

        }



    }


}
```