**package** database;

**import** java.util.Scanner;

**import** java.io.\*;

**import** java.util.Hashtable;

**public** **class** JavaLabSecondProgram {

**public** **static** **void** main(String[] args) **throws** Exception {

Scanner scanner = **new** Scanner(System.***in***);

Hashtable<String,String> hashtable= **new**

Hashtable<String,String>();

Hashtable<String,String> hashtable1= **new**

Hashtable<String,String>();

FileInputStream fis = **new** FileInputStream("hello.txt");

Scanner fileReader = **new** Scanner(fis).useDelimiter(" ");

String dataArray[];

// String

**while**(fileReader.hasNext()){

String str = fileReader.nextLine();

dataArray = str.split(" ");

// System.out.println(dataArray[1]);

hashtable.put(dataArray[0],dataArray[1]);

hashtable1.put(dataArray[1],dataArray[0]);

}

String key;

System.***out***.print("Enter key ; ");

System.***out***.print("Enter key : ");

key = scanner.nextLine();

System.***out***.println(hashtable);

**if**(hashtable.containsKey(key)){

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

} **else** {

System.***out***.println("Given key is wrong");

} **if**(hashtable1.containsKey(key)){

System.***out***.println("key is : "+hashtable1.get(key));

}**else**{

System.***out***.println("key or value not present");

}

fileReader.close();

scanner.close();

}

}