**Exercise 1**

import java.io.\*;

import java.util.\*;

public class Ex1 {

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

Scanner input = new Scanner(new File("people.txt"));

while (input.hasNext()) {

String word = input.next();

System.out.print("[" + word + "] ");

}

}

}

**Output**

[75] [Fresco,] [Al] [67] [Dwyer,] [Barb] [55] [Turner,] [Paige] [108] [Peace,] [Warren] [46] [Richman,] [Mary] [A.] [37] [Ware,] [Crystal] [83] [Carr,] [Dusty] [15] [Sledd,] [Bob] [64] [Sutton,] [Oliver] [70] [Mellow,] [Marsha] [29] [Case,] [Justin] [35] [Time,] [Justin] [8] [Shorts,] [Jim] [20] [Morris,] [Hugh] [25] [Vader,] [Ella] [76] [Bird,] [Earl] [E.]

**Exercise 2**

import java.io.\*;

import java.util.\*;

public class Ex2 {

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

Scanner input = new Scanner(new File("people.txt"));

while (input.hasNext()) {

if(input.hasNextInt()) {

int integer = input.nextInt();

System.out.print("(" + integer + ") ");

}else {

String word = input.next();

System.out.print("[" + word + "] ");

}

}

}

}

**Output**

(75) [Fresco,] [Al] (67) [Dwyer,] [Barb] (55) [Turner,] [Paige] (108) [Peace,] [Warren] (46) [Richman,] [Mary] [A.] (37) [Ware,] [Crystal] (83) [Carr,] [Dusty] (15) [Sledd,] [Bob] (64) [Sutton,] [Oliver] (70) [Mellow,] [Marsha] (29) [Case,] [Justin] (35) [Time,] [Justin] (8) [Shorts,] [Jim] (20) [Morris,] [Hugh] (25) [Vader,] [Ella] (76) [Bird,] [Earl] [E.]

**Exercise 3**

import java.io.\*;

import java.util.\*;

public class Ex3 {

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

Scanner input = new Scanner(new File("people.txt"));

while (input.hasNextLine()) {

String word = input.nextLine();

System.out.println("<" + word + "> ");

}

}

}

**Output**

<75 Fresco, Al>

<67 Dwyer, Barb>

<55 Turner, Paige>

<108 Peace, Warren>

<46 Richman, Mary A.>

<37 Ware, Crystal>

<83 Carr, Dusty>

<15 Sledd, Bob>

<64 Sutton, Oliver>

<70 Mellow, Marsha>

<29 Case, Justin>

<35 Time, Justin>

<8 Shorts, Jim>

<20 Morris, Hugh>

<25 Vader, Ella>

<76 Bird, Earl E.>

**Exercise 4**

import java.io.\*;

import java.util.\*;

public class Ex4 {

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

Scanner input = new Scanner(new File("people.txt"));

while (input.hasNextLine()) {

int age = input.nextInt();

String lastName = input.next();

String firstName = input.next();

String middleName = "";

if(!input.hasNextInt()) {

middleName = input.next() + " ";

}

System.out.println(firstName + " " + middleName + lastName.substring(0, lastName.length() - 1) + " " + age);

}

}

}

**Output**

Al Fresco 75

Barb Dwyer 67

Paige Turner 55

Warren Peace 108

Mary A. Richman 46

Crystal Ware 37

Dusty Carr 83

Bob Sledd 15

Oliver Sutton 64

Marsha Mellow 70

Justin Case 29

Justin Time 35

Jim Shorts 8

Hugh Morris 20

Ella Vader 25

Earl E. Bird 76

**Exercise 5**

import java.io.\*;

import java.util.\*;

public class Ex5 {

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

int count = 1;

Scanner input = new Scanner(new File("people.txt"));

while (input.hasNextLine()) {

int age = input.nextInt();

String lastName = input.next();

String firstName = input.next();

String middleName = "";

if(!input.hasNextInt()) {

middleName = input.next() + " ";

}

System.out.println(count + ". " + firstName + " " + middleName +

lastName.substring(0, lastName.length() - 1) + " " + age);

count++;

}

}

}

**Output**

1. Al Fresco 75

2. Barb Dwyer 67

3. Paige Turner 55

4. Warren Peace 108

5. Mary A. Richman 46

6. Crystal Ware 37

7. Dusty Carr 83

8. Bob Sledd 15

9. Oliver Sutton 64

10. Marsha Mellow 70

11. Justin Case 29

12. Justin Time 35

13. Jim Shorts 8

14. Hugh Morris 20

15. Ella Vader 25

16. Earl E. Bird 76