WRITE A COMPLETE PROGRAM FOR THE FOLLOWING PROBLEM. YOU MUST ADHERE TO THE SPECIFICATIONS STATED AND SUBMIT A COPY OF YOUR PROGRAM WITH ONE TRIAL RUN.

***Food Survey Application:***

A cafeteria wants to determine how students rate each food item. The cafeteria requires an application that surveys the student’s opinion of various food items, rating each item as “like” or “dislike”. **The application is to use a two-dimensional array to hold counters for each category in the survey.**  The application will prompt the user to continuously select a food item and rate it, then display the total ratings for each food item as shown below:

Select food item:

1 - Pizza

2 – Hot Dog

3 – Fish sticks

4 – Mystery Meat

5 – Exit this application

? 1

Do you like or dislike Pizza? <Enter l or d>L

Invalid Input

Select food item:

1 – Pizza

2 – Hot Dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 1

Do you like or dislike Pizza? <Enter l or d> l

Select food item:

1 – Pizza

2 – Hot Dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 1

Do you like or dislike pizza? <Enter l or d> l

Select food item:

1 – Pizza

2 – Hot dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 2

Do you like or dislike Hot Dog <Enter l or d>d

Select food item:

1 – Pizza

2 – Hot Dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 4

Do you like or dislike Mystery Meat <enter l or d> d

Select food item:

1 – Pizza

2 – Hot Dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 3

Do you like or dislike Fish Sticks <Enter l or d> l

Select food item:

1 – Pizza

2 – Hot Dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 3

Do you like or dislike Fish Sticks? <Enter l or d> d

Select food item:

1 – Pizza

2 – Hot Dog

3 – Fish Sticks

4 – Mystery Meat

5 – Exit this application

? 5

Your results are:

Food Like Dislike

Pizza 2 0

Hot Dog 0 1

Fish Sticks 1 1

Mystery Meat 0 1

Press any key to continue\_