

A company wants their customers to rate their services from 1 to 5. They wish to summarize the number of responses from their customers using an array. Array element 0 store the number of response for rate 1. Array element 1 store the number of response for rate 2 and so on. Write a C program to do the following:

- a) Declare an one dimensional integer array called **rate** of size 5.
- b) Initialize all the array elements to zero.
- c) Read the ratings (number between 1 to 5) from the keyboard. Store the number of responses for each rate in the array. You should read the responses until user input -1. If the user input a number less than 1 or greater than 5 , display an error message.

Input format:

Pls input the service rating (1- 5): 2

Pls input the service rating (1- 5): 1

Pls input the service rating (1- 5): 4

Pls input the service rating (1- 5): 4

Pls input the service rating (1- 5): -1

- d) Display the number of response from each rating.

Rating	Number of response
1	1
2	1
3	0
4	2
5	0

Question 1

Not yet answered

Marked out of 10.00

Flag question

A company uses an array to store the sales done by their salespeople for a given month. Write a C program to do the following.

- Declare a double array called **sales** of size 5.
- Initialize all the array elements to 0.
- Input the sales of 5 salespeople from the keyboard and store them in the array. If the user input a negative value, display an appropriate error message and ask to re-enter the sales amount.

Input format:

Input the sales of salesmen 1 : 20000.00

Input the sales of salesmen 2 : 15000.00

Input the sales of salesmen 3: -1200

Please re-enter the amount

Input the sales of salesmen 3: 7500.00

.....
.....

- The company decided to give a fixed allowance, 5000.00 rupees for the salespeople who has done sales more than 20000.00. Display the sales person number and the sales amount of the people who has satisfy the above criteria.

Sales person number	Sales amount
1	xxxxxx
2	xxxxxx

Quiz navigation

Finish attempt ...

Time left 0:39:37

1

Question 1

Not yet answered

Marked out of
10.00

Flag question

A game has three rounds and the scores of three rounds for two teams are stored in team1 and team2 arrays respectively.

Write a C program to do the following

1. Create an array called **team1** to store the scores of three rounds of team 1.
2. Initialize the **team1** array with 6, 5, 3
3. Create another array called **team2** to store the scores of three rounds of team 2.
4. Input the scores of three rounds of team 2 from the keyboard and store in the array.
5. Display the winner of each round (team 1/ team 2) and overall winner (team which wins more rounds).
6. Display the data stored in **team1** array, **team2** array, winner of each round and overall winner.

Sample output

team1

6, 5, 3

team 2

4, 6, 2

Winners

round 1 : team1

round 2: team 2

round 3 : team 1

Overall winner : team 1



Finis

Time

1

A game has three rounds and the scores of three rounds for two teams are stored in `team1` and `team2` arrays respectively.

Write a C program to do the following

1. Create an array called `team1` to store the scores of three rounds of team 1.
2. Initialize the `team1` array with 8, 3, 7
3. Create another array called `team2` to store the scores of three rounds of team 2.
4. Input the scores of three rounds of team 2 from the keyboard and store in the array.
5. Display the winner of each round (team 1/ team 2) and overall winner (team which wins more rounds).
6. Display the data stored in `team1` array, `team2` array, winner of each round and overall winner.

Sample output

team1

8, 3, 7

team 2

4, 6, 2

Winners

round 1 : team1

round 2: team 2

round 3 : team 1

Overall winner : team 1

1. Create an array called `correctAnswers` to store the correct answers of 6 true/false questions.
2. Initialize the `correctAnswers` array with T, F, F, T, F, T
3. Create another array called `studentAnswers` to store the student answers of the same exam.
4. Input the student answers of one student from the keyboard and store in the array.
5. Find the number of correct answers for that particular student.
6. Display the data stored in `correctAnswers` array, `studentAnswers` array and number of correct answers for that particular student.

Sample output

`correctAnswers`

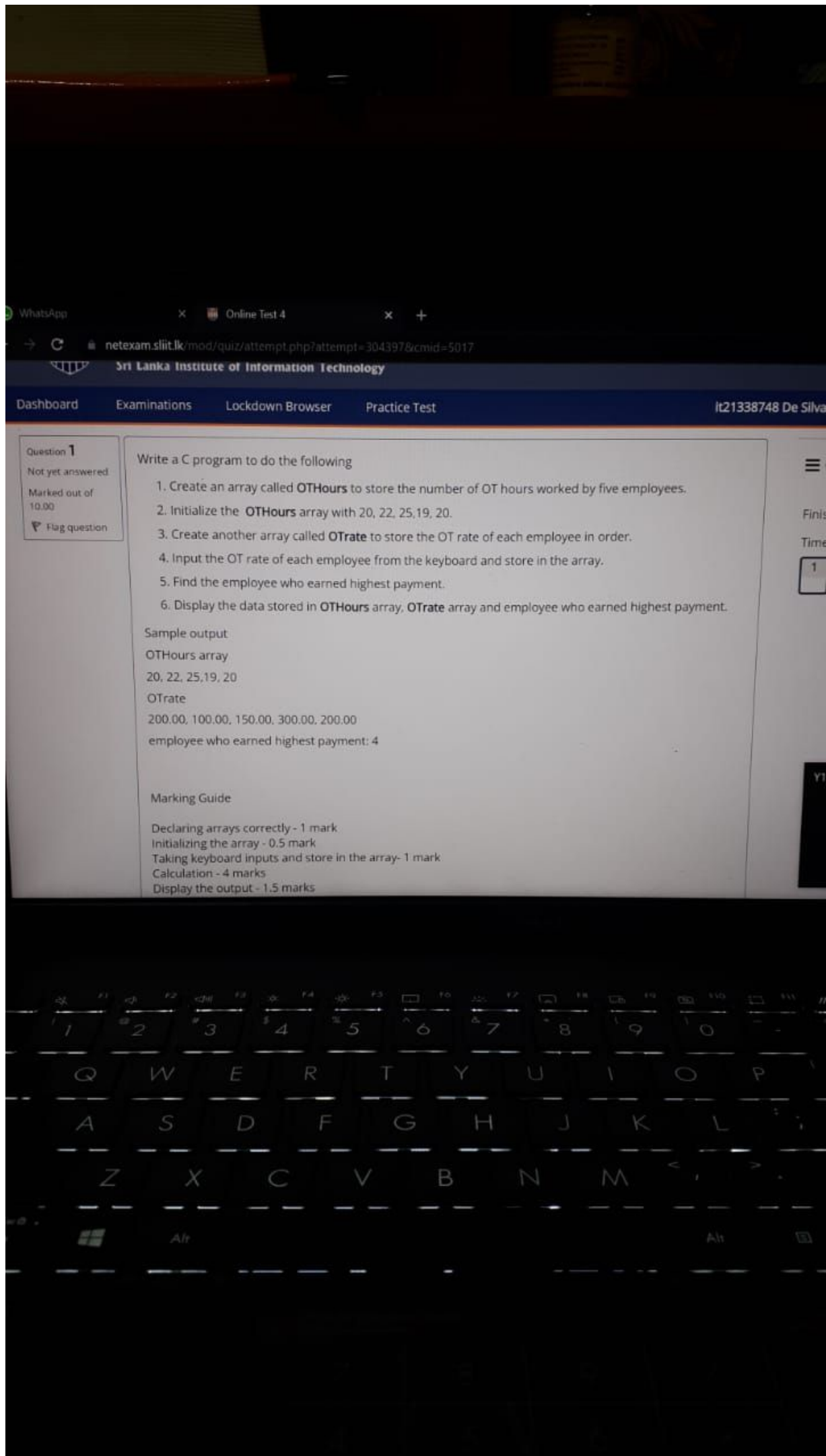
T, F, F, T, F, T

`studentAnswers`

T, F, T, T, F, F

number of correct answers : 4

Marking Guide



Write a C program to do the following

1. Create an array called **OTHours** to store the number of OT hours worked by five employees.
2. Initialize the **OTHours** array with 30, 35, 40, 25, 50
3. Create another array called **OTrate** to store the OT rate of each employee in order.
4. Input the OT rate of each employee from the keyboard and store in the array.
5. Find the employee who earned highest payment.
6. Display the data stored in **OTHours** array, **OTrate** array and employee who earned highest payment.

Sample output

OTHours array

30, 35, 40, 25, 25

OTrate

200.00, 100.00, 150.00, 300.00, 200.00

employee who earned highest payment: 4

Marking Guide

Declaring arrays correctly - 1 mark

Initializing the array - 0.5 mark

Taking keyboard inputs and store in the array- 1 mark

Calculation - 4 marks

Display the output - 1.5 marks

Coding standards - 1.0 mark

Correct compilation of program - 0.5 mark

Correct execution of the program - 0.5 mark

Write a C program to do the following

1. Create an array called **item** to store the prices of three items in the shop.
2. Initialize the item array with 90.00, 20.00, 55.00
3. Create another array called **qtySold** to store the quantities sold from each item.
4. Input the quantities sold from each item from the keyboard and store in the array.
5. Find the item which generate lowest income.
6. Display the data stored in **item** array, **qtySold** array and item which generate least income.

Sample output

Item array

90.00, 20.00, 55.00

qtySold array

20, 55, 16

Item which generate least income : 3

1

answered

out of

question

Write a C program to do the following

1. Create an array called **item** to store the prices of three items in the shop.
2. Initialize the item array with 120.00, 40.00, 250.00.
3. Create another array called **qtySold** to store the quantities sold from each item.
4. Input the quantities sold from each item from the keyboard and store in the array.
5. Find the item which generate highest income.
6. Display the data stored in **item** array, **qtySold** array and item which generate more income.

Sample output

Item array

120.00, 40.00, 250.00

qtySold array

20, 55, 16

Item which generate highest income : 3

Marking Guide

Declaring arrays correctly - 1 mark

Initializing the array - 0.5 mark

Taking keyboard inputs and store in the array- 1 mark