

PRACTICAL EXAMINATION LBEP

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Duration: 60' – Set: 05

Total marks: 100

Requirement:

Each Student is described with <<student_enrollment_number>> (example, *Student2023105.c*).
Write a C program that helps managing a list of requirements with the following:

No.	Specification	Marks
Default	<p>Displayed screen as described below:</p> <pre>***** * Select an appropriate action: * * 1. R1 * * 2. R2 * * 3. R3 * *****</pre> <p>When 1, 2 or 3 is pressed, appropriate tasks to be performed. Else, output the invalid message and display the menu again.</p>	[10]
R1	<p>Write a program, allows the user to input an array of the integer numbers. <i>1 mảng số nguyên</i></p> <ul style="list-style-type: none"> - Print out this array. - Count the odd number in this array - Display the average of odd integers in this array. <i>trung bình cộng các nguyên lẻ</i> <pre>Enter the size of the array: 6 a[0]: 5 a[1]: 2 a[2]: 1 a[3]: 3 a[4]: 8 a[5]: 10 Output the array: 5 2 1 3 8 10 Number of odd integers: 3 Average of odd numbers: 3.00</pre>	<p>[30]</p> <p>5</p> <p>10</p> <p>15</p>
R2	<p>Using the array of the structure, write a program with following requirements</p> <ul style="list-style-type: none"> - User to enter the number of ticket. <i>số lượng vé</i> - Then enter information for those tickets (film name, price, date). <i>ngày</i> <p>Note: date is a structure that includes day, month, year</p> <p>- Finally, write the input and output functions for the above array</p> <p>Example with 2 tickets as the below:</p> <pre>Input for ticket 1: Information of tickets: Film: Titanic Film: Titanic Price: 15000 Price: 15000 Day: 2 Date: 2-10-1013 Month: 10 Year: 2013 Input for ticket 2: Film: Back Home Film: Back Home Price: 20000 Price: 20000 Date: 12-10-1013 Day: 12 Month: 10 Year: 2013</pre>	<p>[55]</p> <p>5</p> <p>20</p> <p>30</p>
R3	Exit program.	[5]

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Note: All the marks are evaluated in the main method.