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| **Midterm Exam** | |
| **Course Code: CPE 201L** | **Program: BSCPE** |
| **Course Title: DATA STRUCTURE AND ALGORITHM** | **Date Performed:06/09/2025** |
| **Section: 2A** | **Date Submitted:06/09/2025** |
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| 1. **Objectives** | |
| Implement an array of even integers less than 50 but not less than 20 and do the following operations:  a) display the elements  b) find the maximum element  c) reverse the array | |
| **2. Discussion** | |
| The relevant of this is for the student learn by coding by themselves by implementing array,finding its display elements, maximum element and reversing it | |
| **3. Materials and Equipment** | |
| Google colab ,github and microsoft word | |
| **4. Procedure** | |
| Fisrts I use numphy for easy and efficient coding and delclare it as **np** and I make a menu for the operations and by making a menu you can choose by letter which you wanna do if its displaying elements,finding the maximum element or reversing it | |
| **5. Output** | |
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| 6.Conclusion | |
| **In conclusion** by doing this program you can learn how to implement array and by doing diffirents operation you can also expand your coding skills | |
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