| Notes:(Record key insights from readings and discussions.) |
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| **week-12**  **Wednesday:**  Questions:   1. What is the best case (fastest case) when searching via this algorithm? 2. The best case is that if the given is at index “0”. 3. What is the worst case (slowest case)? 4. The worst case is that if the given value is at last index. 5. If the size of the data set doubles, what happens to the best and the worst case? 6. If the size of the data doubles then there will be no effect on the best case, but the worst case becomes double than before. 7. How would you have to change the iterative Search method if the data set is not sorted? 8. First, I will code the program for making data sorted by the method “Arrays.sort(Array);” and after that I will perform iterative search.   out put of the code for finding position of number in a given array.    output of the code for finding position of number in a given array.    Reference for the code: <https://github.com/jawaharsd/IteratingData.git> |

| Deliverable Status | | | | |
| --- | --- | --- | --- | --- |
| Deliverables | What did you plan to accomplish | What did you actually accomplish | Size | Effort |
| Effort logger analysis | * Planned to conduct meeting with my teammate to know the progress of the work. * Planned to complete the project according to the tasks given in the class. * Planned to complete reading and copying of data before Tuesday. | * Conducted team meeting on the progress of the work. * Completing the project referring the tasks given in the class. * Will complete the reading and copying the data before Tuesday. | 25% | 1 hour |
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