| **Notes:(Record key insights from readings and discussions.)** |
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| Week-8  Wednesday: -  error: - the uncertainty in the measurement of any computation is called as error.  Types of error: there are two types of error in computer programming.   1. Syntax error: these are errors that occur due to the wrong in the syntax, coding and spelling mistakes in the coding. 2. Logical errors: the errors which occur due to the wrong in the logic of the code are called as logical errors.   Exception: An exception is an event, which occurs during the execution of a program, that disrupts the normal flow of the program's instructions.  Accuracy: how close the measurd value is to the true value.  https://upload.wikimedia.org/wikipedia/commons/thumb/f/f8/Accuracy_of_given_values.png/300px-Accuracy_of_given_values.png  Reference: <https://upload.wikimedia.org/wikipedia/commons/thumb/f/f8/Accuracy_of_given_values.png/300px-Accuracy_of_given_values.png>  Precession: how close the series of measured values are to each other.  https://upload.wikimedia.org/wikipedia/commons/thumb/a/ad/Precision_of_given_values.png/300px-Precision_of_given_values.png  Reference: <https://upload.wikimedia.org/wikipedia/commons/thumb/a/ad/Precision_of_given_values.png/300px-Precision_of_given_values.png>  Absolute error: The difference between the true value and the approximate value and is called as absolute error.  Relative error: is the ratio of the absolute error of a measurement to the measurement being taken. In other words, this type of error is relative to the size of the item being measured.  Truncation errors: this are defined as the errors that result from using an approximation in place of an exact mathematical procedure.  Round off errors: like if the number of digits are more to display it on a computer then the result will be round off to a certain value will be approximately equal to the actual value.  In the given file today the out put Is:  1 0.0  2 0.1  3 0.2  4 0.3  5 0.4  6 0.5  7 0.6  8 0.70000005  9 0.8000001  10 0.9000001  11 1.0000001  12 1.1000001  13 1.2000002  14 1.3000002  After the 7 th out put it is showing more precise values because of the round off error. |
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| **Deliverable Status** | | | | |
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| **Deliverables** | **What did you plan to accomplish** | **What did you actually accomplish** | **Size** | **Effort** |
| Double calculator part -4 | * Planned to conduct meetings on the part 4 of the double calculator, to understand the requirements of the part-4 calculator. * Assigning work to team members. * Planned to clear any doubts in the requirements and be clear. | * Will conduct team conduct team meetings on the part 4 for better understanding of the requirements. * assigned work to each team members in the team meeting. * Cleared the doubts in double calculator part 3 | 0% | 30 mins |
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