

| **Weeks** | **Sessions** | **Topics** | **Activity** | **Activity set Exercises** |
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| **Week 1** | Session 1 | C Environment and Syntax | Environment set up and basic C syntax demonstration | <https://github.com/IndraneeK95/FPC-sets/blob/main/Assigment%201.docx> |
|  | Session 2 | Github session | Github configuration | In class session |
|  | Session 3 | C Environment and Syntax | Basic C concepts and warm up | <https://github.com/IndraneeK95/FPC-sets/blob/main/_Assignment%202.docx> |
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| **Week 2** | Session 4 | Constants, Variables and Expressions,if and Else conditions | Activity Set #1-  problem #1 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 5 | " | Activity Set #1-  problem #2, problem #3 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 6 | " | Live coding session | in class session |
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| **Week 3** | Session 7 | User defined functions, Array of numbers | Activity set #1-  problem #4 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 8 |  | Activity set #1-  problem #5,  problem #6 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 9 | " | Live coding session | in class session |
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| **Week 4** | Session 10 |  | Test 1 | — |
|  | Session 11 | Iterations, for and while loop | Activity Set #1- problem #8, problem #9 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 12 | " | Live coding session | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
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| **Week 5** | Session 13 | Strings | Activity Set #1- problem #10 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 14 | Strings | Repeat |  |
|  | Session 15 | " | Live coding session | in class session |
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| **Week 6** | Session 16 | Structures and array of structures | Activity Set #1-  problem #11 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 17 | " | Activity Set #1-  problem #12 | <https://github.com/srinirad/c-activity-sets/tree/main/set01> |
|  | Session 18 | " | Live coding session | in class session |
|  |  |  |  |  |
| **Week 7** | Session 19 |  | Test 2 | – |
|  | Session 20 | Repetition of the above topics | Activity Set #2 | <https://github.com/srinirad/c-activity-sets/tree/main/set02> |
|  | Session 21 | Repetition of the above topics | Activity Set #2 | <https://github.com/srinirad/c-activity-sets/tree/main/set02> |
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| **Week 8** | Session 22 | " | Activity Set #2 | <https://github.com/srinirad/c-activity-sets/tree/main/set02> |
|  | Session 23 | " | Activity Set #2 | <https://github.com/srinirad/c-activity-sets/tree/main/set02> |
|  | Session 24 | " | Activity Set #2 | <https://github.com/srinirad/c-activity-sets/tree/main/set02> |