

| Topic | Session | Question | Code | Notes |
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|--------------------|--|---------------------------|--|------------------------------|
| Pattern lecture-1 | video | Watch video | code1-> link code2:- link | board access |
| Pattern lecture-2 | video part1 video part 2(question 2) | Questions | code1-> link code2-> link | board access |
| Pattern lecture -3 | videopart1(question1) videopart2(question2) | Questions | code1 code2 | |
| Pattern lecture-4 | video(Question1) video(Question2) | Questions | code1 code2 | |
| Pattern lecture-5 | video(Question1) video(Question2) | Questions | code2 code2 | |

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| Pattern lecture -6 | video | Questions | code1-> link | |
| Pattern lecture-7 | video | Questions | code1-> link | |
| Pattern lecture-8 | video | Questions | code1-> link | |
| Pattern lecture -9 | video1 video2 | | code1-> link code2-> link | |

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| pattern lecture-10 | video | Question | code-> link | |
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Coding lectures

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|--|-----------------------|--|----------------------|--|
| Intro to list and list comprehension | video | | code | |
| Intro to tuple and dictionery | video | | code | |
| Sum of odd and even number | video | | code | |
| Sum of odd and even indices | video | | code | |
| Sum of pairs using single arrays | video | | code | |
| Sum of pairs using two arrays | video | | code | |
| Maximum from two arrays | video | | code | |
| Triplet sum | video | | code | |
| Count of odd and even triplet | video | | code | |

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|--|-----------------------|--|----------------------|--|
| Prime numbers in range | video | | code | |
| Reverse number summation between range | video | | code | |

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| First and last index of a target element | video | | code | |
| Count of distinct element | video | | code | |
| Count of frequency of every elemnt | video | | code | |
| Intro to 2d matrix | video | | code | |
| Print left and right digonal | video | | code | |
| Print boundary elements | video | | code | |
| Print matrix in z form | video | | code | |
| Print transpose of a matrix | video | | code | |
| Print matrix in snake pattern | video | | code | |