

# Recursion – 1

## Lecture-27

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# What and Why?

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# Function calls

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# Function calling itself

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**Ques:** Make a function which calculates the factorial of  $n$  using recursion.

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# Ques : Print n to 1

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**Ques:** Print 1 to n (extra parameter)

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**Ques:** Print 1 to n (after recursive call)

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**Ques:** Print sum from 1 to n (Parameterised)

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**Ques:** Print sum from 1 to n (Return type)

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**Ques:** Make a function which calculates 'a' raised to the power 'b' using recursion.

# Calculating Time and Space complexity

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# Next Lecture

Understanding multiple calls in

**Recursion** More **problems** on Recursion

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# THANK YOU

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