

# Agenda

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- Revision
- Dynamic memory allocation
  - for array
  - for object
  - for data members
- Destructor
- Working with 1D and 2D Array

## Dynamic memory allocation Object (demo01)

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## Dynamic memory allocation data members (demo02)

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## Destructor (demo03)

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- It is a special member function of the class.
- why is it special ?
  - it has same name as that of the class with tilde(~) sign
  - It does not have any return type.
  - It gets automatically called when object goes out of scope.
- There is no any concept of destructor overloading.
- to deallocate the dynamic memory for the data members, or to free the resources that are used inside the class, destructors are used.

## Array (demo04 and demo05)

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## Dynamic Array (demo06 to demo08)

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## Array of objects (demo09)

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## Array of dynamic objects (demo10)

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## Dynamic Array of objects (demo11)

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