Destructor

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Agenda

➢ **What is Destructor ?**

➢ **Implicit Destructor.**

What is Destructor ?

- Destructor is a special member of the class whose name is same as the name of the class But preceded with a tilde (~) symbol.

- Destructor has no return type.

- Destructor takes no argument, Overloading of destructor is not possible.

- Destructor is an instance member.

- Destructor is invoked implicitly when object is about to destroy.

```cpp
class Item
{
    private:
        int a;
        int *ptr
public:
        ~Item()  {  free(ptr); }  → Destructor
};
```

```cpp
void f1()
{
    Item i1;

    ____
    ____
    ____
}
```

Implicit Destructor.

- In the absence of explicit destructor, Compiler define an implicit destructor in the class.

```
class Item
{
   private:
      int a;
public:
      ~Item()  { }   → Destructor
};
```