

The background of the slide is a colorful, impressionistic painting of a rural landscape. It features a cluster of white buildings with dark roofs, some with red roofs, situated in a valley. The foreground is dominated by a large field of yellow and green flowers, possibly sunflowers, with a small blue stream or path winding through it. The sky is a mix of blue and green, suggesting a bright, sunny day. The overall style is reminiscent of the Impressionist movement, with visible brushstrokes and a rich, varied color palette.

# J08 Nested Classes

Nested classes

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A class may be defined within another class. Such a class is called a nested class. The main motivation for nested classes is to improve encapsulation and clarity.

- **Static nested classes** (use `static` keyword) behave as if declared elsewhere, but happen to be packaged together in a single file, cannot refer directly to instance fields of parent
- **Inner classes** (non-static) has direct access to the instance fields and members of its enclosing class.