SOFTWARE QUALITY

SECOND POLLING MOMENT

INTRODUCTION
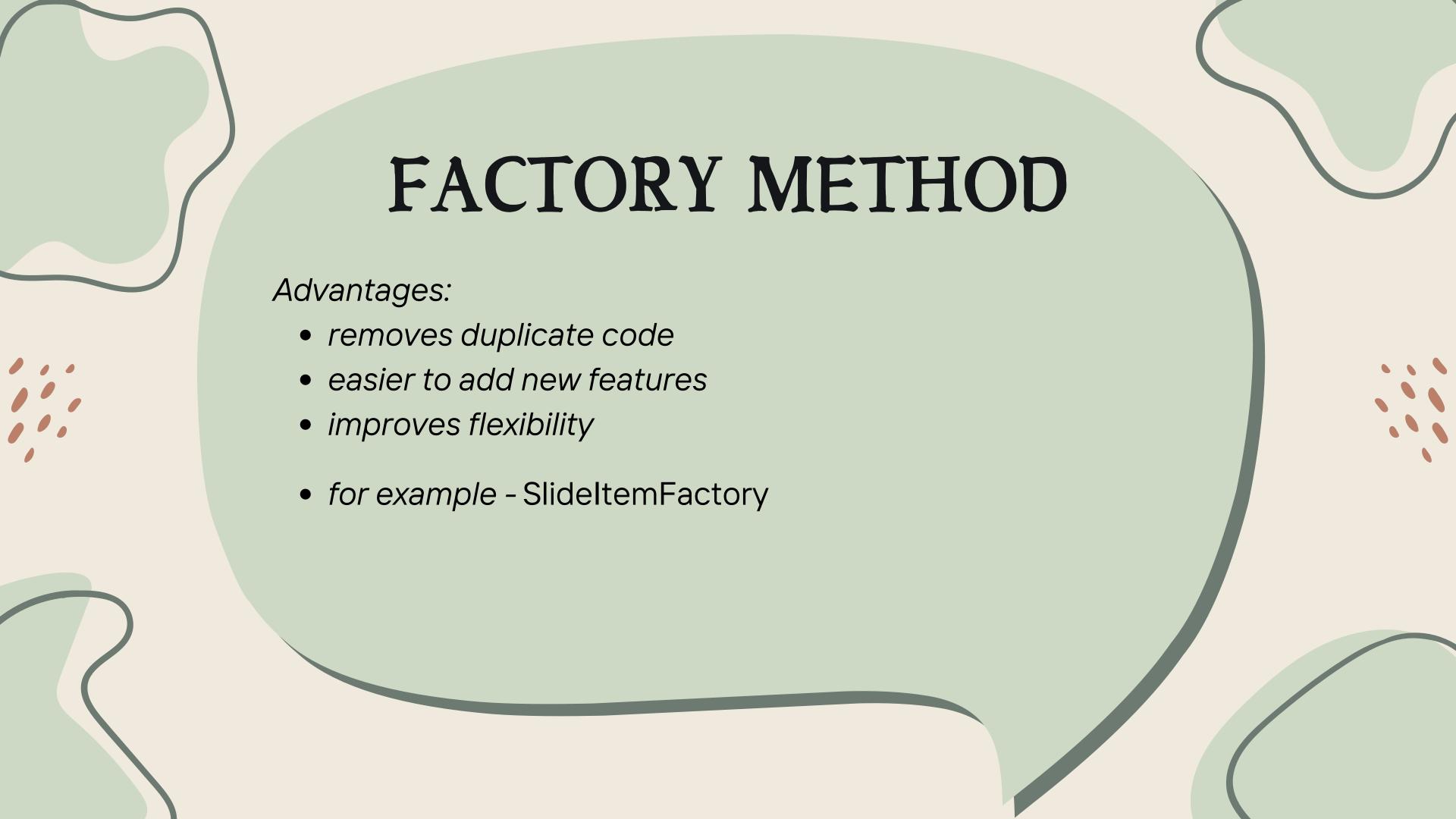
- *advise on improving JabberPoint*
- *three design patterns - Factory Method, Command and Composite*
- *flexible, maintainable, and scalable*

VIDEO

FACTORY METHOD

Advantages:

- *removes duplicate code*
- *easier to add new features*
- *improves flexibility*

- *for example* - SlideItemFactory

COMMAND PATTERN

Advantages:

- *decouples UI from logic*
- *support undo/redo*
- *scalable*

- *for example* - NextSlideCommand, PreviousSlideCommand, ExitCommand

COMPOSITE PATTERN

Advantages:

- *simplifies the structure*
- *supports complex layouts*
- *makes rendering easier*

- *for example* - SlideItem *interface with* TextItem *and* ImageItem *implementing it*

CONCLUSION

- *significant improvement to the code structure*
- *more modular, easier to maintain, and ready for future enhancements*

THANK YOU

DO YOU HAVE ANY QUESTIONS?