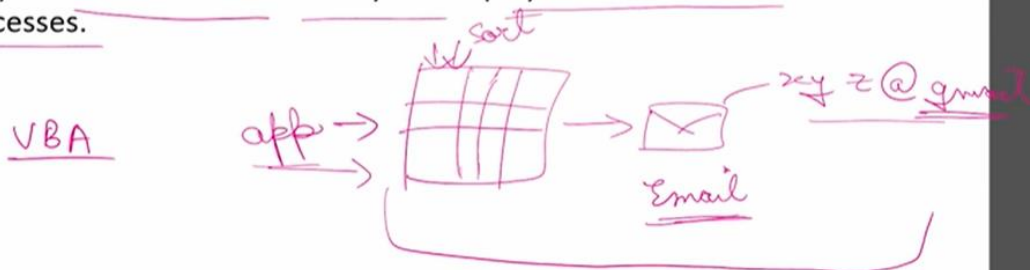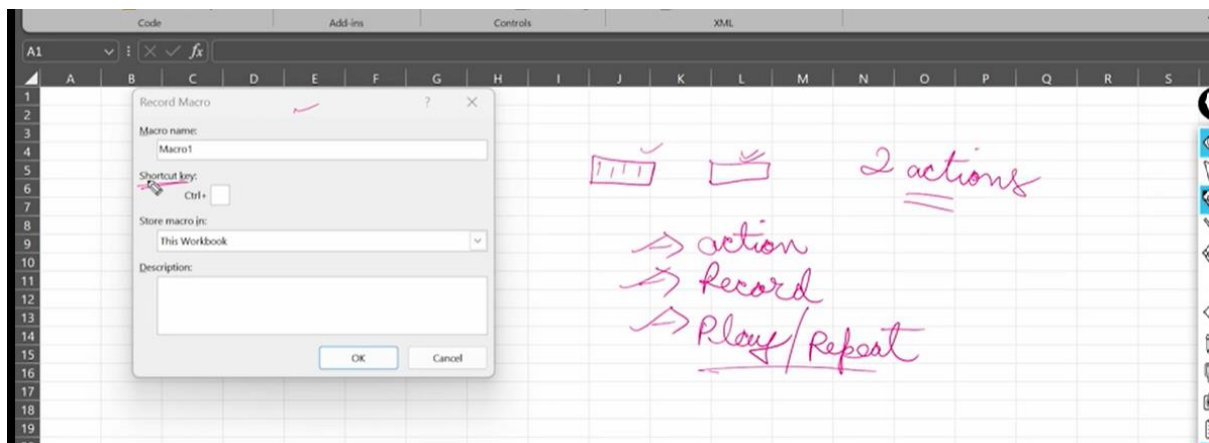# Excel macros
and
VBA for automation

Excel macros

- Macros in Excel are sequences of instructions that automate repetitive tasks.
- They are recorded actions that you can play back to automate processes.

VBA

Macros Concepts

- Recording a Macro: Macros can be recorded to capture a series of actions in Excel.

- Running a Macro: Once recorded, macros can be executed to repeat the captured actions.

- Macro Security: Security settings for enabling or disabling macros in Excel.

VBA (Visual Basic for Applications)

- VBA is a programming language integrated into Microsoft Office applications. *Excel* *Word*
- It allows users to write custom code to automate tasks, create user-defined functions, and control Excel's features programmatically.

VBA Concepts

- VBA Editor: The integrated development environment (IDE) where you write and edit VBA code.
- Modules: Containers for VBA code within a workbook.
- Procedures: Subroutines (Sub) and functions (Function) that perform specific tasks.

Macro vs VBA

- A macro is a piece of code.
- Macros are written in a programming language called VBA (Visual Basic for Applications).
- VBA stands for Visual Basic for Applications, which is used in Excel, Word, PowerPoint, and other Office applications.
- VBA includes an editor within Excel and Word for writing and managing macros.

H11

Microsoft Excel	×
Hello from Dhruv Thakral!!!	
OK	