# Dynamic Menus

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# ◆ Overview

- **What Are Dynamic Menus?**

- **Menu Properties**

- **How to Dynamically Add or Delete Menu Items**

- **Using a Menu Array**

- **How to Display a Pop-up Menu**

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# What Are Dynamic Menus?

| Menu |
| --- |
| MenuItem1 |
| ✔ MenuItem2 |
| MenuItem3 |
| MenuItem4 |
| MenuItem5 |
| MenuItem6 |
| MenuItem7 |

*Dynamic Menus*

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# The Menu Design Window

Menu Design Window

Caption:

Name:

Index:                    Shortcut: [none]

☐ Window List            HelpContextID: 0

☐ Checked      ☒ Enabled      ☒ Visible

← → ↑ ↓      Next      Insert      Delete

OK

Cancel

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# Enabled and Visible Properties

**Edit**

| Cut |
| --- |
| Copy |
| Paste |

```
Sub mnuEdit_Click ()
   'Check ScreenActiveControl
```

```
.Enabled = False
```

```
.Enabled = True
```

**Menu**

| MenuItem1 |
| --- |
| MenuItem2 |
| MenuItem4 |

```
.Visible = True
```

```
mnuItem3.Visible = False
```

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# The Checked Property

**Menu**

MenuItem1

MenuItem2

✔ MenuItem3

✔ MenuItem4

•
•
•
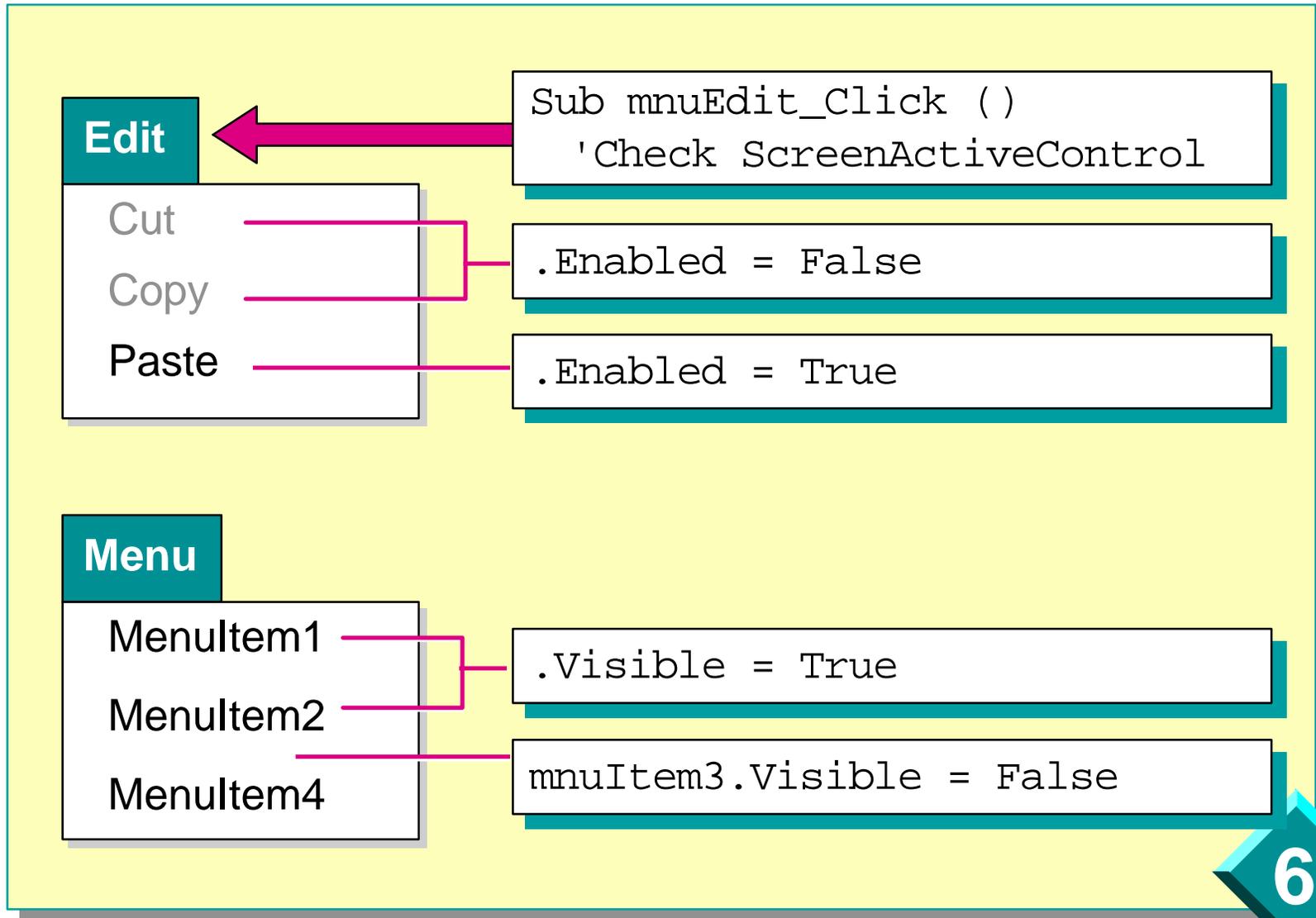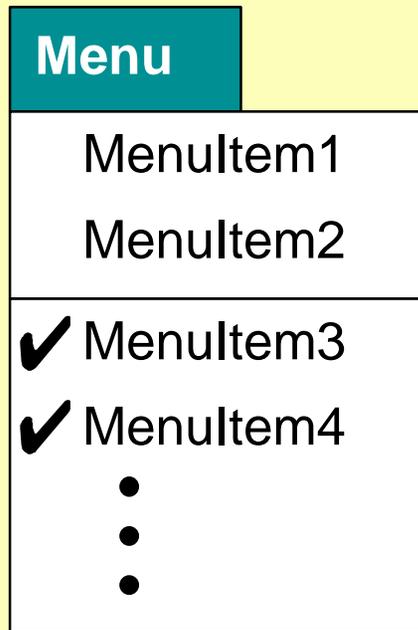
`.Checked = False`

`.Checked = True`

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# Load and Unload Statements

**Menu**

| MenuItem1 |
|---|
| Full Menus |
| ✔ Short Menus |
| Choice 0 |
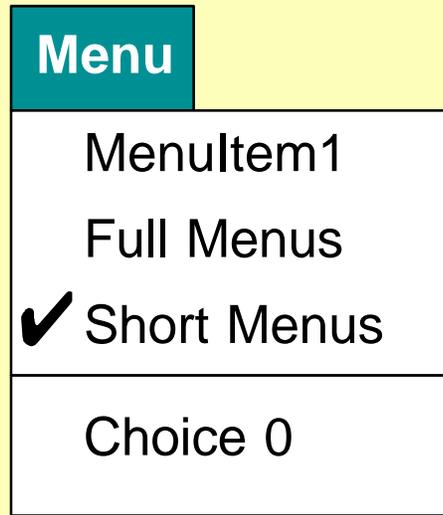
**Unload Choice 1**
**Unload Choice 2**

**Menu**

| MenuItem1 |
|---|
| ✔ Full Menus |
| Short Menus |
| Choice 0 |
| Choice 1 |
| Choice 2 |
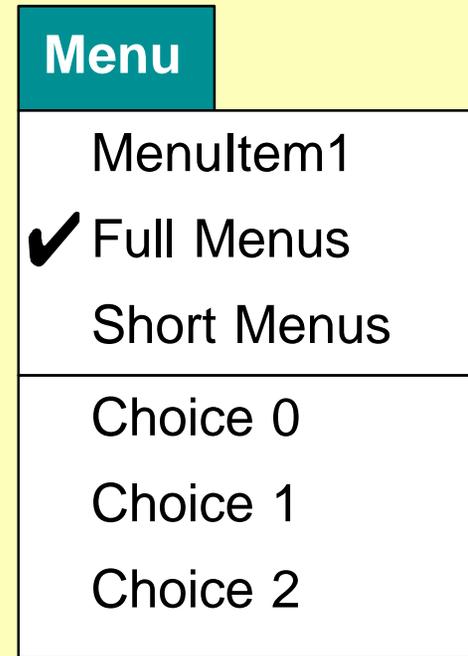
**Load Choice 1**
**Load Choice 2**

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# Using a Menu Array

**File**

0 → New

Open

•
•
•

Save

Close

5 → Exit

```
Sub mnuFileItem_Click (Index)
    Select Case Index
    .
    .
    .
```

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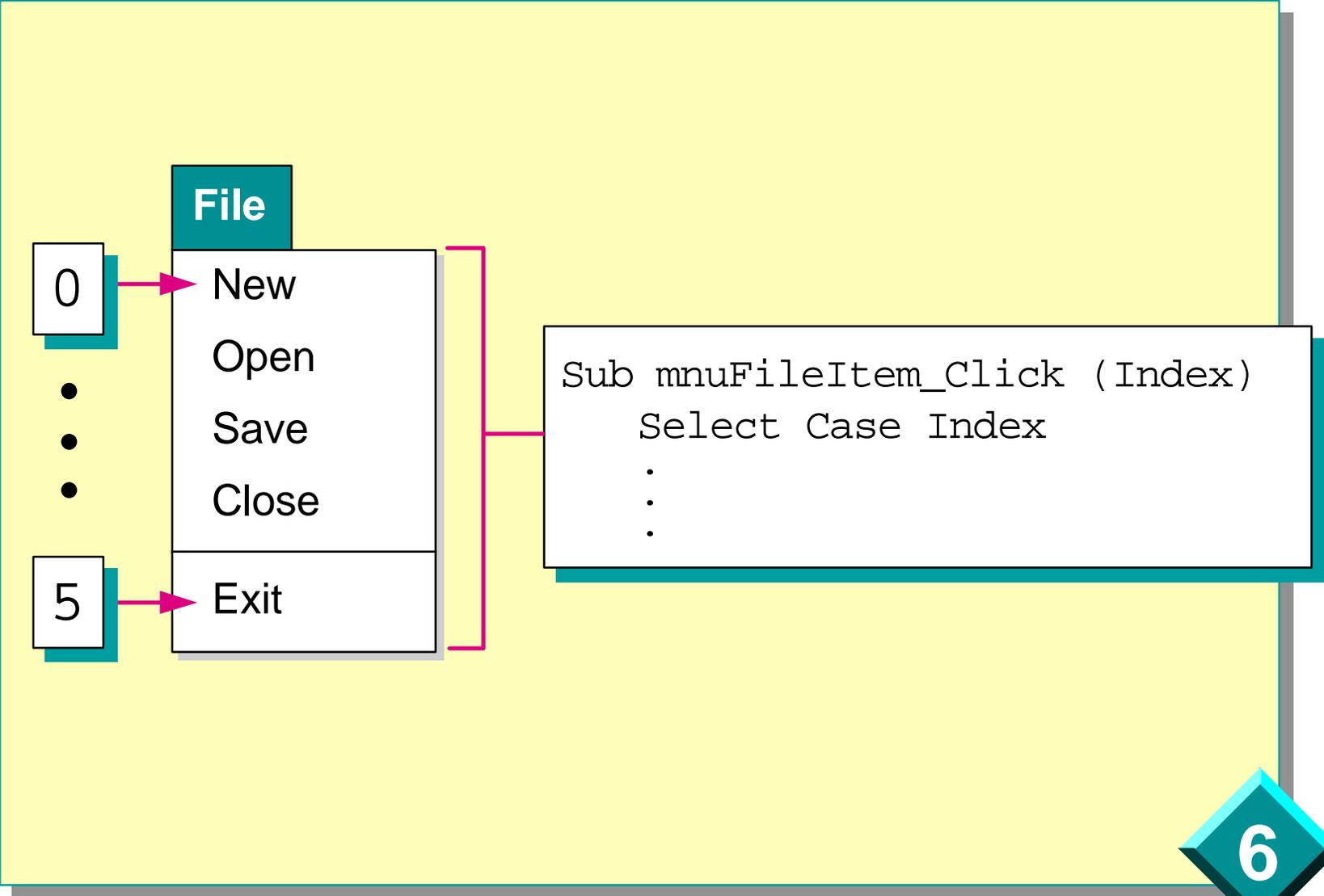
# Creating Pop-up Menus - PopUpMenu Method

| | **A** | **B** | **C** | **D** | **E** | **F** |
|---|---|---|---|---|---|---|
| **1** | | | | | | |
| **2** | | | | | | |
| **3** | | | | Cut | Ctrl+X | |
| **4** | | | | Copy | Ctrl+C | |
| **5** | | | | Paste | Ctrl+V | |
| | | | | Clear... | Del | |
| **6** | | | | Delete... | | |
| **7** | | | | Insert... | | |
| **8** | | | | Number... | | |
| **9** | | | | Alignment... | | |
| **10** | | | | Font... | | |
| | | | | Border... | | |
| **11** | | | | Pattern.... | | |

**Sheet1**

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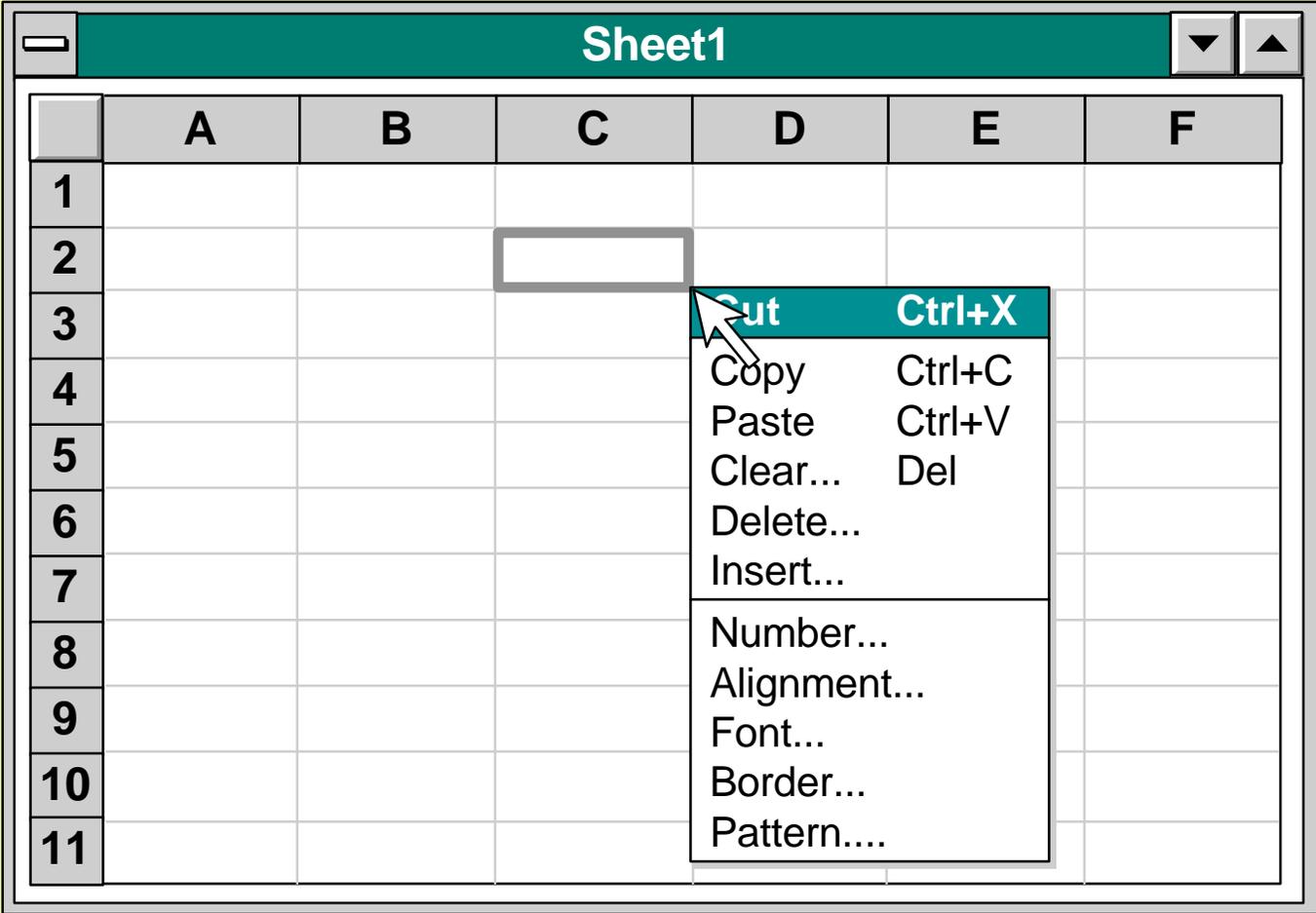
# Summary

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