

# How can I add new sheets in Excel using VBA?

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## RECOMMENDED CITATION

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VBA (Visual Basic for Applications) is a programming language that can be used to automate tasks in Microsoft Excel. Adding new sheets in Excel using VBA can be achieved by following a few simple steps. Firstly, open the VBA editor by pressing "Alt + F11" on your keyboard. Then, double-click on the "ThisWorkbook" object in the Project Explorer window. Next, use the "Sheets.Add" method to add a new sheet to the workbook. You can also specify the name of the new sheet and its position using this method. Lastly, use the "Worksheets" object to manipulate the new sheet and add any desired data or formatting. This process can be repeated to add multiple sheets as needed. Using VBA to add new sheets in Excel can save time and effort, especially when working with large amounts of data.

## Add New Sheets in Excel Using VBA

**You can use the following methods in VBA to add new sheets to an Excel workbook:**

### Method 1: Add New Sheet

```
Sub AddSheetToWorkbook()
```

```
Sheets.Add
```

```
End Sub
```

**This macro will add one new sheet to the workbook with an auto-generated name that describes which sheet number it represents in the workbook.**

**For example, if there are three sheets in the workbook and you run this macro then a new sheet with the name Sheet4 will be created.**

**Note: By default, VBA will add the new sheet immediately before the currently active sheet.**

### **Method 2: Add Multiple New Sheets**

```
Sub AddSheetToWorkbook()
```

```
Sheets.Add Count:=3
```

```
End Sub
```

**This macro will add three new sheets to the workbook.**

### **Method 3: Add New Sheet with Name**

```
Sub AddSheetToWorkbook()
```

```
Sheets.Add.Name = "MyNewSheet"
```

```
End Sub
```

**This macro will add one new sheet to the workbook with the name MyNewSheet.**

### **Method 4: Add New Sheet with Name Before Specific Sheet**

```
Sub AddSheetToWorkbook()
```

```
Sheets.Add(Before:=Sheets("Teams")).Name =
```

**"MyNewSheet"**

**End Sub**

**This macro will add one new sheet to the workbook with the name MyNewSheet directly before the existing sheet called Teams.**

**Method 5: Add New Sheet with Name After Specific Sheet**

**Sub AddSheetToWorkbook()**

**Sheets.Add(After:=Sheets("Teams")).Name =**

**"MyNewSheet"**

**End Sub**

**Method 6: Add New Sheet with Name At End of Workbook**

**Sub AddSheetToWorkbook()**

**Sheets.Add(After:=Sheets(Sheets.Count)).Name =**

**"MyNewSheet"**

**End Sub**

**This macro will add one new sheet to the workbook with**

the name **MyNewSheet** at the very end of the workbook.

## Method 7: Add New Sheet with Name At Beginning of Workbook

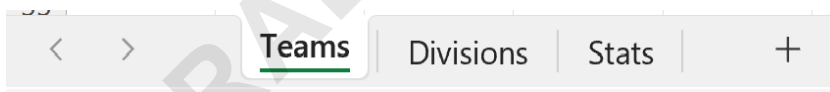
```
Sub AddSheetToWorkbook()
```

```
Sheets.Add(Before:=Sheets(1)).Name = "MyNewSheet"
```

```
End Sub
```

This macro will add one new sheet to the workbook with the name **MyNewSheet** at the very beginning of the workbook.

The following examples show how to use each method in practice with the following Excel workbook that has three existing sheets:



### Example 1: Add New Sheet

We can create the following macro to add one new sheet to the workbook with a name that is auto-generated:

## **Sub AddSheetToWorkbook()**

**Sheets.Add**

**End Sub**

When we run this macro, a new sheet is added to the workbook with the name Sheet4 directly before the Teams sheet, which we had selected when we ran the macro:



### **Example 2: Add Multiple New Sheets**

We can create the following macro to add three new sheets to the workbook with names that are auto-generated:

## **Sub AddSheetToWorkbook()**

**Sheets.Add Count:=3**

**End Sub**

When we run this macro, three new sheets are added to the workbook directly before the Teams sheet, which we had selected when we ran the macro:



### Example 3: Add New Sheet with Name

We can create the following macro to add a new sheet to the workbook with a specific name:

```
Sub AddSheetToWorkbook()  
Sheets.Add.Name = "MyNewSheet"  
End Sub
```

When we run this macro, a new sheet named MyNewSheet is added to the workbook directly before the Teams sheet, which we had selected when we ran the macro:



### Example 4: Add New Sheet with Name Before Specific Sheet

We can create the following macro to add a new sheet to the workbook directly before a specific existing sheet:

```
Sub AddSheetToWorkbook()
```

```
Sheets.Add(Before:=Sheets("Teams")).Name =  
"MyNewSheet"  
End Sub
```

When we run this macro, a new sheet named **MyNewSheet** is added to the workbook directly before the **Teams** sheet:



#### **Example 5: Add New Sheet with Name After Specific Sheet**

We can create the following macro to add a new sheet to the workbook directly after a specific existing sheet:

```
Sub AddSheetToWorkbook()  
Sheets.Add(After:=Sheets("Teams")).Name =  
"MyNewSheet"  
End Sub
```

When we run this macro, a new sheet named **MyNewSheet** is added to the workbook directly after the **Teams** sheet:



### Example 6: Add New Sheet with Name At End of Workbook

We can create the following macro to add a new sheet to the very end of the workbook:

```
Sub AddSheetToWorkbook()  
Sheets.Add(After:=Sheets(Sheets.Count)).Name =  
"MyNewSheet"  
End Sub
```

When we run this macro, a new sheet named MyNewSheet is added to the very end of the workbook:



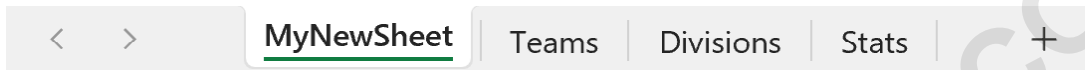
### Example 7: Add New Sheet with Name At Beginning of Workbook

We can create the following macro to add a new sheet to the very beginning of the workbook:

```
Sub AddSheetToWorkbook()  
Sheets.Add(Before:=Sheets(1)).Name = "MyNewSheet"
```

## End Sub

**When we run this macro, a new sheet named MyNewSheet is added to the very beginning of the workbook:**



**Note: You can find the complete documentation for the Sheets.Add method .**