

## **Code for Copy data from one spreadsheet to another spreadsheet in the google sheets**

```
function onOpen(e){  
  var ui = SpreadsheetApp.getUi();  
  ui.createMenu('Paste To Another Sheet')  
    .addItem('Paste by Range', 'askRange')  
    .addItem('Copy All the data', 'syncData')  
    .addToUi();  
}
```

```
function runsies(){  
  importRange(  
    "1PhB44GoD_zW-gmErZ2zDgXZgDiGuM_d7r04lqN7L4Zg", //ID of the source SpreadSheet  
    "source!A1:G",      //range i.e. how much have to copy  
    "1u1QNoHjxX8G-Ux7GEZek_838POdPX3v4EtA4xjSp_Lw", //id of the Destination SpreadSheet  
    "destination!a1"    //startin range of destination sheet  
  );  
}
```

```
function importRange(sourceID, sourceRange, destinationID, destinationRangeStart){  
  const sourceSS = SpreadsheetApp.openById(sourceID);  
  const sourceRng = sourceSS.getRange(sourceRange);  
  const sourceVals = sourceRng.getValues();  
  
  const destinationSS = SpreadsheetApp.openById(destinationID);  
  const destStartRange = destinationSS.getRange(destinationRangeStart);  
  const destSheet = destinationSS.getSheetByName(destStartRange.getSheet().getName());
```

```
destSheet.clear();
```

```
const destRange = destSheet.getRange(  
  destStartRange.getRow(),  
  destStartRange.getColumn(),  
  sourceVals.length,  
  sourceVals[0].length
```

```
);
```

```
destRange.setValues(sourceVals);  
}
```

```
function askRange() {  
  // Ask the user for input  
  const sourceID = Browser.inputBox("Enter the ID of the source spreadsheet:");  
  const sourceRange = Browser.inputBox("Enter the source range (e.g., source!A1:G):");  
  const destinationID = Browser.inputBox("Enter the ID of the destination spreadsheet:");  
  const destinationRangeStart = Browser.inputBox("Enter the destination start range (e.g.,  
destination!A1):");  
  
  // Call the importRange function with user-provided input  
  importRange(sourceID, sourceRange, destinationID, destinationRangeStart);  
}
```

```
function importRange(sourceID, sourceRange, destinationID, destinationRangeStart) {  
  const sourceSS = SpreadsheetApp.openById(sourceID);  
  const sourceRng = sourceSS.getRange(sourceRange);  
  const sourceVals = sourceRng.getValues();
```

```
const destinationSS = SpreadsheetApp.openById(destinationID);
const destStartRange = destinationSS.getRange(destinationRangeStart);
const destSheet = destinationSS.getSheetByName(destStartRange.getSheet().getName());

destSheet.clear();

const destRange = destSheet.getRange(
  destStartRange.getRow(),
  destStartRange.getColumn(),
  sourceVals.length,
  sourceVals[0].length
);

destRange.setValues(sourceVals);
}
```

```
function syncData() {
  // Prompt user for Source Spreadsheet ID and Sheet Name
  var sourceSpreadsheetId = Browser.inputBox('Enter Source Spreadsheet ID');
  var sourceSheetName = Browser.inputBox('Enter Source Sheet Name');

  // Open Source Spreadsheet
  var sourceSpreadsheet = SpreadsheetApp.openById(sourceSpreadsheetId);
```

```
var sourceSheet = sourceSpreadsheet.getSheetByName(sourceSheetName);
var sourceData = sourceSheet.getDataRange().getValues();

// Prompt user for Destination Spreadsheet ID and Sheet Name
var destSpreadsheetId = Browser.inputBox('Enter Destination Spreadsheet ID');
var destSheetName = Browser.inputBox('Enter Destination Sheet Name');

// Open Destination Spreadsheet
var destSpreadsheet = SpreadsheetApp.openById(destSpreadsheetId);
var destSheet = destSpreadsheet.getSheetByName(destSheetName);

// Clear existing data in the destination sheet
destSheet.clear();

// Write data to destination sheet
destSheet.getRange(1, 1, sourceData.length, sourceData[0].length).setValues(sourceData);

Browser.msgBox('Data synced successfully!');
}
```