



# Apps Script DocumentApp

✨ Unleashing the Power of Google Apps Script:  
Mastering DocumentApp! ✨

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## Question 1: Creating a New Document

Question: How do you create a new Google Document using Google Apps Script?

Answer:

```
function createNewDocument() {  
  var doc = DocumentApp.create('New Document');
```

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```
Logger.log(doc.getUrl());  
}
```

Explanation: This script uses `DocumentApp.create()` to create a new document titled 'New Document'. The URL of the created document is then logged.

### **Question 2: Adding Text to a Document**

Question: How can you add a paragraph of text to a document?

Answer:

```
function addTextToDocument() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var body = doc.getBody();  
  body.appendParagraph('This is a new paragraph.');
```

Explanation: This code snippet opens an existing document using its ID, gets its body, and then appends a new paragraph with the specified text.

### **Question 3: Formatting Text**

Question: How do you change the font size and style of a specific paragraph?

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Answer:

```
function formatText() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var body = doc.getBody();  
  var paragraph = body.getParagraphs()[0];  
  paragraph.setFontSize(12).setBold(true);  
}
```

Explanation: This function accesses the first paragraph of the document's body and changes its font size to 12 and sets it to bold.

#### **Question 4: Inserting a Table**

Question: How can you insert a 2x2 table into a document?

Answer:

```
function insertTable() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var body = doc.getBody();  
  var table = body.appendTable([[['Cell 1', 'Cell 2'], ['Cell 3', 'Cell 4']]]);  
}
```

Explanation: This script adds a table with two rows and two columns to the document, with each cell containing predefined text.

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## Question 5: Adding a Header

Question: How do you add a header to a document?

Answer:

```
function addHeader() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var header = doc.addHeader();  
  header.appendParagraph('This is a header.');
```

```
}
```

Explanation: This function creates a header in the document and adds a paragraph of text to it.

## Question 6: Inserting an Image

Question: How can you insert an image into a document?

Answer:

```
function insertImage() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var body = doc.getBody();  
  var imageUrl = 'https://example.com/image.png'; // Replace with your  
  image URL  
  var image = UrlFetchApp.fetch(imageUrl).getBlob();  
  body.appendImage(image);
```

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```
}
```

Explanation: This script fetches an image from a URL and inserts it into the document's body. Note that the URL must be publicly accessible.

### **Question 7: Creating a Footer**

Question: How do you create a footer in a document?

Answer:

```
function addFooter() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var footer = doc.addFooter();  
  footer.appendParagraph('This is a footer.');
```

```
}
```

Explanation: This function adds a footer to the document and then inserts a paragraph of text into it.

### **Question 8: Changing Document Properties**

Question: How can you change the title of a document?

Answer:

```
function changeDocumentTitle() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');
```

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```
doc.setName('New Title');  
}
```

Explanation: This code snippet changes the title of an open document to 'New Title'.

### **Question 9: Finding and Replacing Text**

Question: How do you find and replace text in a document?

Answer:

```
function findAndReplaceText() {  
  var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');  
  var body = doc.getBody();  
  body.replaceText('oldText', 'newText');  
}
```

Explanation: This script searches the entire body of the document for 'oldText' and replaces it with 'newText'.

### **Question 10: Removing Content from a Document**

Question: How can you delete a specific paragraph from a document?

Answer:

```
function deleteParagraph() {
```

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```
var doc = DocumentApp.openById('YOUR_DOCUMENT_ID');
var body = doc.getBody();
var paragraph = body.getParagraphs()[1]; // assuming you want to delete
the second paragraph
paragraph.removeFromParent();
}
```

Explanation: This function removes the second paragraph from the document's body. The paragraph is identified by its index in the `getParagraphs()` array.

These questions and answers cover various functionalities of the `DocumentApp` class in Google Apps Script, demonstrating how to manipulate and format Google Docs documents programmatically.