

Apps Script Fun Coding Exercises 2



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Sending Email Reminders

Create a script that sends an email reminder to yourself every day at a specific time.

```
function sendEmailReminder() {  
  var emailAddress = "yourEmailAddress";  
  var subject = "Daily Reminder";
```

```

    var message = "Don't forget to complete your daily
tasks!";
    MailApp.sendEmail(emailAddress, subject, message);
}

```

```

function scheduleEmailReminder() {
    ScriptApp.newTrigger("sendEmailReminder")
        .timeBased()
        .everyDays(1)
        .atHour(9)
        .create();
}

```

Send Google Form Confirmations

Create a script that automatically sends an email when a Google Form is submitted.

```

function sendConfirmationEmail(e) {
    var email = e.namedValues["Email"][0];
    var subject = "Thank you for submitting the form!";
    var message = "Thank you for your submission. We will
get back to you soon.";
    MailApp.sendEmail(email, subject, message);
}

```

```

function createFormTrigger() {
    var form = FormApp.getActiveForm();
    ScriptApp.newTrigger("sendConfirmationEmail")
        .forForm(form)
        .onFormSubmit()
}

```

```

    .create();
}

```

Generate Unique ID values

Create a script that automatically generates a unique ID for a new row in a Google Sheet.

```

function generateUniqueId() {
    var sheet =
SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Sheet1");
    var range = sheet.getRange(sheet.getLastRow(), 1);
    var id = Utilities.getUuid();
    range.setValue(id);
}

```

Deleting Specific Rows

Create a script that deletes all the rows in a Google Sheet that have a specific value in a certain column.

```

function deleteRowsWithValue(value, column) {
    var sheet =
SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Sheet1");
    var data = sheet.getDataRange().getValues();
    var newData = [];
    for (var i = 0; i < data.length; i++) {
        if (data[i][column - 1] !== value) {
            newData.push(data[i]);
        }
    }
}

```

```
}  
  sheet.getDataRange().clearContent();  
  sheet.getRange(1, 1, newData.length,  
newData[0].length).setValues(newData);  
}
```

Sort Sheet Data

Create a script that automatically sorts a Google Sheet based on the values in a specific column.

```
function sortSheet() {  
  var sheet =  
SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Sheet1");  
  var range = sheet.getRange(2, 1, sheet.getLastRow() -  
1, sheet.getLastColumn());  
  range.sort({ column: 2, ascending: true });  
}
```

Note: These are just basic examples of what you can do with Google Apps Script. You can modify these scripts and build upon them to make more complex and useful applications.