**1. Spreadsheet App Functions (used for Google Sheets)**

* SpreadsheetApp.openById(id) – Opens a spreadsheet by its ID.
* SpreadsheetApp.getActiveSpreadsheet() – Gets the active spreadsheet.
* SpreadsheetApp.create(name) – Creates a new spreadsheet.
* SpreadsheetApp.getUi() – Returns the user interface for spreadsheet-bound scripts.
* sheet.getRange(row, column) – Gets a specific cell or range of cells.
* sheet.getDataRange() – Gets the range of the spreadsheet with data.
* range.setValue(value) – Sets a value in a cell or range.
* range.getValue() – Gets a value from a cell or range.
* sheet.appendRow(rowContents) – Appends a new row at the end of the sheet.
* sheet.deleteRow(rowPosition) – Deletes a row at the specified position.

**2. Document App Functions (used for Google Docs)**

* DocumentApp.openById(id) – Opens a document by its ID.
* DocumentApp.getActiveDocument() – Gets the active document.
* DocumentApp.create(name) – Creates a new document.
* document.getBody() – Returns the document’s body for editing.
* body.appendParagraph(text) – Appends a paragraph to the document body.
* body.setText(text) – Replaces the body text with the given text.
* body.getText() – Gets the current text in the document body.

**3. Calendar App Functions (used for Google Calendar)**

* CalendarApp.getCalendarById(id) – Retrieves a calendar by its ID.
* CalendarApp.createEvent(title, startTime, endTime) – Creates an event in the calendar.
* event.setTitle(title) – Updates the title of an event.
* event.getStartTime() – Returns the start time of the event.
* event.getLocation() – Returns the location of the event.
* CalendarApp.getDefaultCalendar() – Gets the user's default calendar.

**4. Drive App Functions (used for Google Drive)**

* DriveApp.getFileById(id) – Retrieves a file by its ID.
* DriveApp.createFile(name, content) – Creates a new file.
* DriveApp.getFoldersByName(name) – Retrieves folders by their name.
* file.getName() – Gets the name of the file.
* file.setName(name) – Renames the file.
* file.getSize() – Gets the size of the file.
* file.getUrl() – Returns the URL of the file.
* file.setTrashed(true) – Sends the file to the trash.

**5. MailApp Functions (used for Gmail)**

* MailApp.sendEmail(recipient, subject, body) – Sends an email to a recipient.
* MailApp.getInboxThreads(start, max) – Gets a range of threads from the inbox.
* MailApp.getMessagesForThread(thread) – Retrieves messages for a specific thread.
* MailApp.deleteThread(thread) – Deletes a thread from the inbox.

**6. Utilities Functions**

* Utilities.formatDate(date, timeZone, format) – Formats a date in the specified time zone and format.
* Utilities.sleep(milliseconds) – Pauses the script for a certain time.
* Utilities.base64Encode(value) – Encodes a value in Base64.
* Utilities.computeDigest(algorithm, value) – Computes a digest (e.g., MD5, SHA-1).

**7. Forms App Functions (used for Google Forms)**

* FormApp.openById(id) – Opens a form by its ID.
* FormApp.create(title) – Creates a new form.
* form.getResponses() – Retrieves all form responses.
* form.addTextItem() – Adds a text input field to the form.
* form.addMultipleChoiceItem() – Adds a multiple-choice item to the form.
* form.setTitle(title) – Sets the title of the form.

**8. Trigger Functions (for event-based scripts)**

* ScriptApp.newTrigger(functionName) – Creates a new trigger.
* ScriptApp.getProjectTriggers() – Gets all triggers for the current project.
* ScriptApp.deleteTrigger(trigger) – Deletes a specific trigger.
* ScriptApp.newTimeDrivenTrigger() – Creates a time-driven trigger.
* ScriptApp.newSpreadsheetTrigger() – Creates a spreadsheet-driven trigger.

**9. Logger Functions (for logging in Apps Script)**

* Logger.log(message) – Logs a message to the console.
* Logger.getLog() – Retrieves the logged data.