// Replace 'YOUR\_SHEET\_URL' with the actual URL of your Google Sheet

var SPREADSHEET\_URL = 'https://docs.google.com/spreadsheets/d/1em82iK\_ZKNpVzWhyzEyXuSZsTPGpKBl28g4YcVAmB7U/edit#gid=0';

var SHEET\_NAME = 'Sheet1'; // Replace with your sheet name

var LABEL\_NAME = 'Extracted4'; // Replace with the label name you want to process

function extractDataFromEmails() {

// Get the threads with the specified label

var threads = GmailApp.getUserLabelByName(LABEL\_NAME).getThreads(0, 20);

// Access the Google Sheet

var sheet = SpreadsheetApp.openByUrl(SPREADSHEET\_URL).getSheetByName(SHEET\_NAME);

sheet.clear();

sheet.appendRow(['fromEmail', 'fromEmailName', 'fromDomain', 'toEmail', 'toEmailName', 'toDomain', 'subject', 'body', 'labelName']);

// Log start of execution

Logger.log("Script execution started.");

// Iterate through each email thread

threads.forEach(function (thread) {

// Iterate through each email in the thread

thread.getMessages().forEach(function (message) {

try {

// Extract data from the email

var fromEmailParts = message.getFrom().split(/<|>/);

var fromEmailName = fromEmailParts[0].trim();

var fromEmail = fromEmailParts[1]; // Use fromEmailParts[1] as it contains the email address without the name

var fromDomain = getFullDomain(fromEmail);

// Check if 'To' field is available

var toEmailParts = message.getTo().split(/<|>/);

var toEmailName = toEmailParts[0].trim(); // Fix here

var toEmail = toEmailParts[1];

var toDomain = getFullDomain(toEmail);

var subject = message.getSubject().replace(">", "");

var body = message.getPlainBody().replace(">", "");

// Log the extracted data

Logger.log("From Email: " + fromEmail);

Logger.log("From Email Name: " + fromEmailName);

Logger.log("From Domain: " + fromDomain);

Logger.log("To Email: " + toEmail);

Logger.log("To Email Name: " + toEmailName);

Logger.log("To Domain: " + toDomain);

Logger.log("Subject: " + subject);

Logger.log("Body: " + body);

// Append the data to the Google Sheet with the label name

sheet.appendRow([fromEmail, fromEmailName, fromDomain, toEmail, toEmailName, toDomain, subject, body, LABEL\_NAME]);

} catch (error) {

Logger.log("Error processing email: " + error);

}

});

});

// Log end of execution

Logger.log("Script execution completed.");

}

// Function to extract full domain from a given email

function getFullDomain(email) {

return email ? email.substring(email.lastIndexOf('@') + 1) : "";

}

// Uncomment the line below to run the function

// extractDataFromEmails();