

Claude Computer Use Demo

⚠️ Security Alert: Never provide access to sensitive accounts or data, as malicious web content can hijack Claude's behavior

Chat HTTP Exchange Logs



You are an automation assistant helping to extract invoice data from a web interface.

SETUP:

- Firefox browser is open with a web interface containing invoices
- CSV file (example.csv) is open in gedit for data entry

TASK WORKFLOW:

1. For each invoice ID in the system:
 - Locate the invoice using its ID
 - Note the Due Date (format: DD-MM-YYYY)
 - Click the "Download Invoice" button
 - Wait for the invoice PDF/document to open
2. From each opened invoice, extract:
 - Invoice Number
 - Invoice Date (format: DD-MM-YYYY)
 - Company Name
 - Total Amount Due
3. Record data in gedit following this CSV format:
ID,DueDate,InvoiceNo,InvoiceDate,CompanyName,TotalDue

EXAMPLE OUTPUT: 5jef1y8yx4t8yupbpo3fzg,25-02-2019,10021,13-02-2019,Sit Amet Corp.,1234.40 g11rzk7loegnitbclwnh8k,06-04-2019,223543,30-01-2019,Aenean LLC,976.00

Process each invoice systematically and ensure data accuracy.



I'll help you extract invoice data from the web interface. Let me start by taking a screenshot to see the current state of the browser and the CSV file.



Tool Use: computer

```
Input: {'action': 'screenshot'}
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Automation Challenge - OCR — Mozilla Firefox

Automation Challenge - ✕ +

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Automation Challenge

Instructions

- The goal of this challenge is to create a workflow that will read every table row and download the respective invoices.
- From the invoices, you will have to extract the **Invoice Number**, **Invoice Date**, **Company Name** and **Total Due**.
- You will have to build and upload a CSV file with the data extracted from each invoice, the ID and Due Date from the table, only for the invoices for which the Due Date has passed or is today.
- The actual countdown of the challenge will begin once you click the **Start** button and will end once the CSV file is uploaded; until then, you may play around with the table on the right without receiving penalties.
- Below you will find an example CSV file in order to see the required format for the end result and two sample invoices. The formats of the invoices will be exactly as in the samples and they will not change. The challenge expects the uploaded CSV to be in the exact same format as the example CSV, including the formatting of the cells, and the rows should be in the same order as they appear in the table. Any difference will result in a failed challenge.
- Good luck!

[📄 Download example CSV](#)
[📄 Download sample invoice 1](#)
[📄 Download sample invoice 2](#)

START

#	ID	Due Date	Invoice
1	#juliqqpb2yx4a8@v27r	12-04-2025	📄
2	wjm7ockrjbkz9yost5b	24-06-2025	📄
3	pbyqpslqg09lwdt8n	16-06-2025	📄
4	9d8uoc0v9kzy0qpt5e3	25-05-2025	📄

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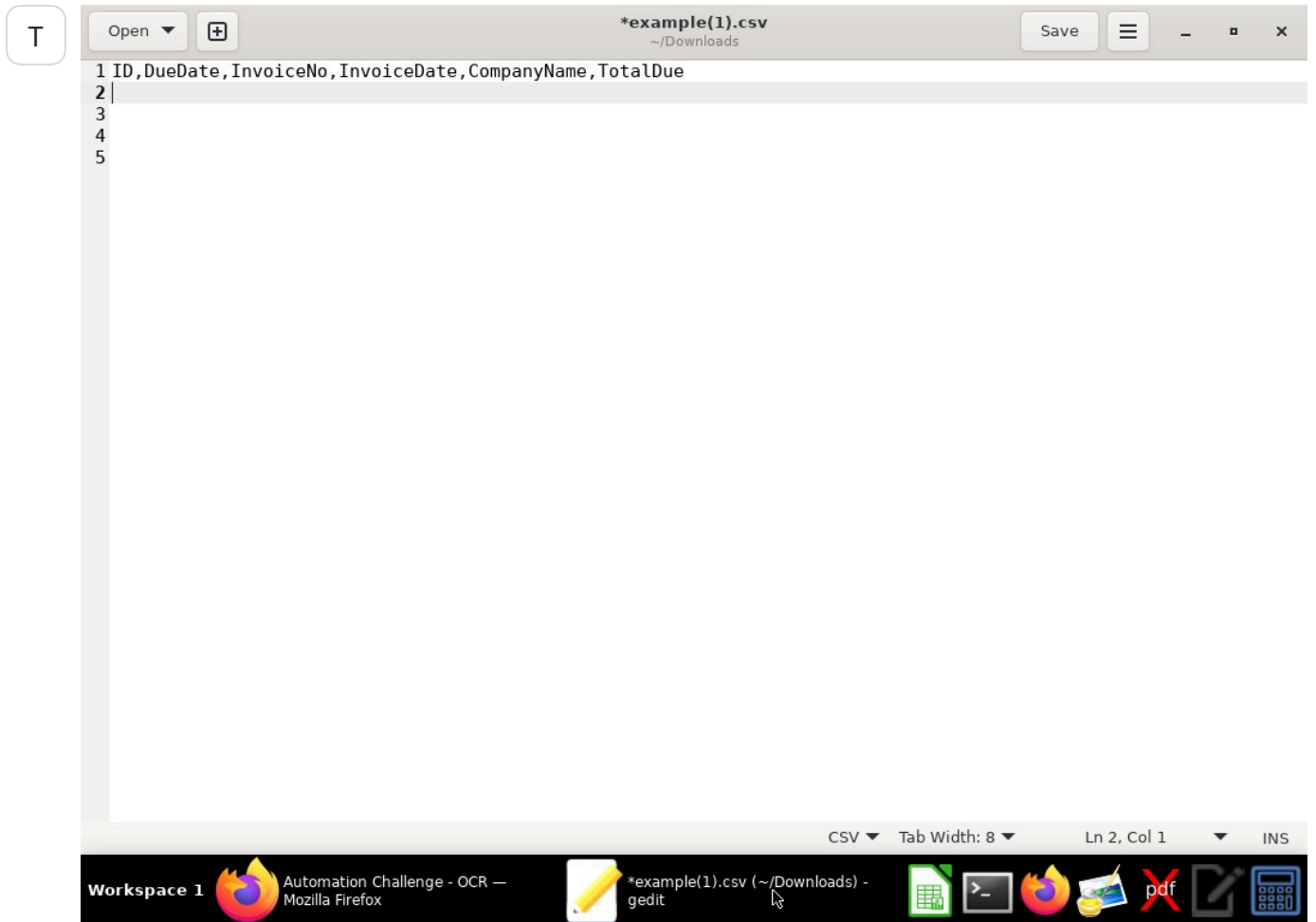


I can see the automation challenge interface with Firefox open showing a table of invoices. I can see there's also a gedit window open with "example(1).csv" file. Let me first click on the gedit window to check if it's the CSV file we need to work with.



Tool Use: computer

Input: {'action': 'left_click', 'coordinate': [577, 738]}



Perfect! I can see the CSV file is open in gedit with the correct header format: "ID,DueDate,InvoiceNo,InvoiceDate,CompanyName,TotalDue". Now I need to go back to Firefox to start processing the invoices. Let me click on the Firefox window.

Tool Use: computer
Input: {'action': 'left_click', 'coordinate': [261, 738]}

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Automation Challenge - OCR — Mozilla Firefox

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Automation Challenge - (x) +

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Automation Challenge

Instructions

1. The goal of this challenge is to create a workflow that will read every table row and download the respective invoices.
2. From the invoices, you will have to extract the **Invoice Number**, **Invoice Date**, **Company Name** and **Total Due**.
3. You will have to build and upload a CSV file with the data extracted from each invoice, the ID and Due Date from the table, only for the invoices for which the Due Date has passed or is today.
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6. Good luck!

[Download example CSV](#)
[Download sample invoice 1](#)
[Download sample invoice 2](#)

START

#	ID	Due Date	Invoice
1	8jul8qpib2yx4a86hv27r	12-04-2025	↓
2	wjrm7ockrjbkz9yosxt5b	24-06-2025	↓
3	plyqspnq09l6wdt8n	16-06-2025	↓
4	9dxuocx0vkeny0q09e3	25-05-2025	↓

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Workspace 1

Automation Challenge - OCR — Mozilla Firefox

*example(1).csv (~/.Downloads) - gedit

Now I can see the Firefox window with the invoice interface. I can see a table with 4 invoices showing:

1. Row 1: ID "6jstnojbd2yxba8t9x2fn", Due Date "12-08-2025", with a download icon
2. Row 2: ID "wyrh2mq3kwkgwsotk", Due Date "24-06-2025", with a download icon
3. Row 3: ID "z9syqd6q2h7j6kwalbtn", Due Date "16-06-2025", with a download icon
4. Row 4: ID "8dieuoxrjo8wy9osn6m3", Due Date "25-05-2025", with a download icon

I need to start the process by clicking the "START" button first, then process each invoice. Let me click START.

Tool Use: computer
 Input: `{'action': 'left_click', 'coordinate': [170, 589]}`

Automation Challenge - OCR — Mozilla Firefox
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Automation Challenge - (✕) +

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Automation Challenge

Instructions

- The goal of this challenge is to create a workflow that will read every table row and download the respective invoices.
- From the invoices, you will have to extract the **Invoice Number**, **Invoice Date**, **Company Name** and **Total Due**.
- You will have to build and upload a CSV file with the data extracted from each invoice, the ID and Due Date from the table, only for the invoices for which the Due Date has passed or is today.
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- Good luck!

[Download example CSV](#)
[Download sample invoice 1](#)
[Download sample invoice 2](#)

In Progress

#	ID	Due Date	Invoice
1	a50mia4rv05x04u6a8ad	18-04-2025	📄
2	wbys8cprfagcy1f3g8j7	26-06-2025	📄
3	g8gncvcb8mue93s3cw	16-05-2025	📄
4	u862bsvw94ab2mby32uygu	27-07-2025	📄

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Workspace 1

Automation Challenge - OCR — Mozilla Firefox

*example(1).csv (~/.Downloads) - gedit



Great! Now I can see the interface has been activated and shows "In Progress". I can see the table now shows different invoice data:

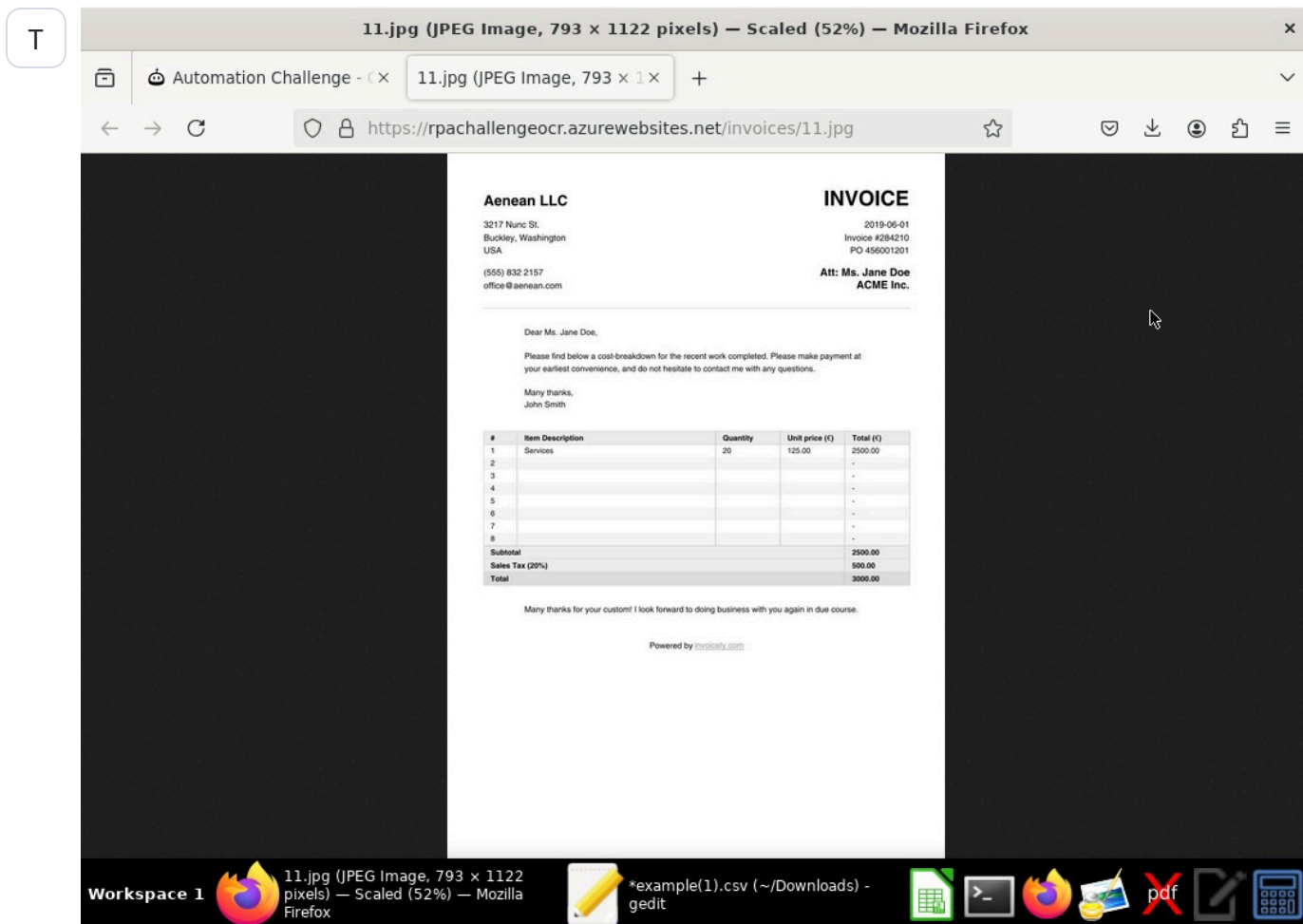
- Row 1: ID "a5frwad5vbzolu4o8dbe0", Due Date "18-04-2025", with download icon
- Row 2: ID "e8uy8ex4fagzyyf8qpl7", Due Date "26-04-2025", with download icon
- Row 3: ID "d9qvu5qsk9mu53haikw", Due Date "16-06-2025", with download icon
- Row 4: ID "uft5dmrwn8s2bmhy050ya", Due Date "27-07-2025", with download icon

Now I'll start processing the first invoice. Let me click on the download icon for the first invoice.



Tool Use: computer

Input: `{'action': 'left_click', 'coordinate': [890, 253]}`



Perfect! I can now see the first invoice opened as an image. Let me extract the required information:

From this invoice I can see:

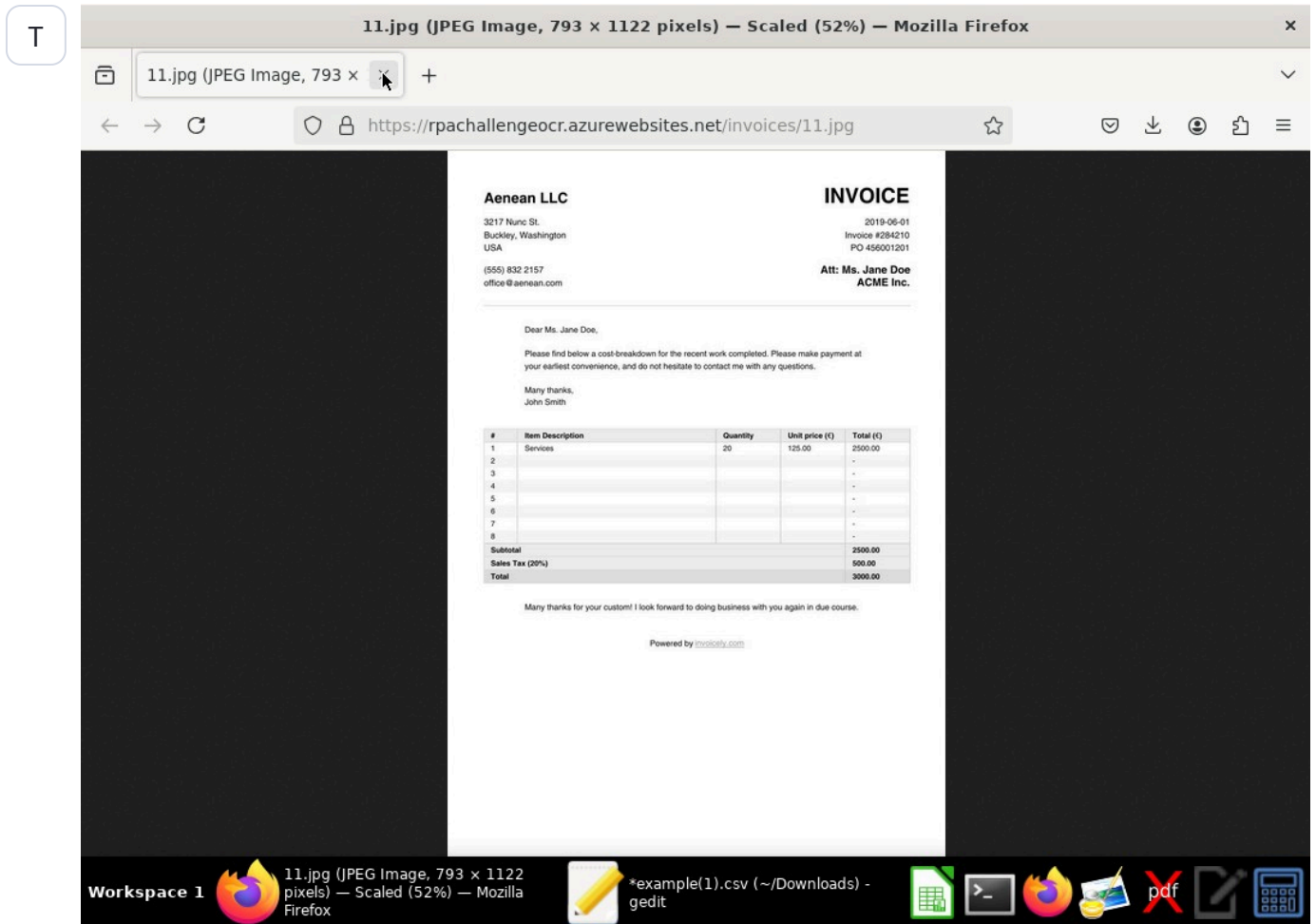
- Company Name: Aenean LLC
- Invoice Date: 2018-06-01 (need to convert to DD-MM-YYYY format: 01-06-2018)
- Invoice Number: #234210
- Total Amount: 2500.00

Now I need to record this information in the CSV file. Let me go back to the main invoice table to get the ID and Due Date for this invoice, then I'll enter the data. Let me close this invoice first and go back to the table.



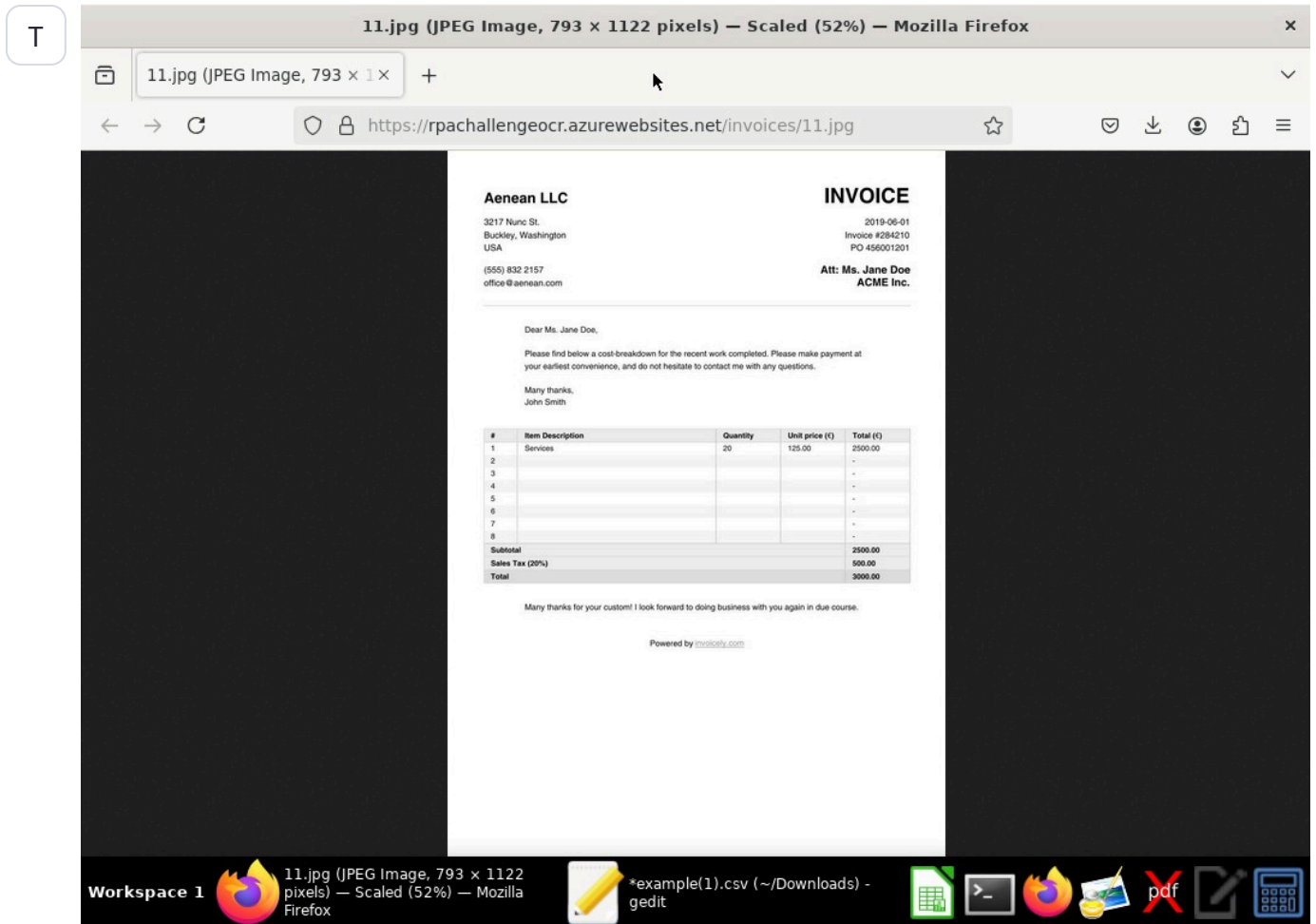
Tool Use: computer

Input: {'action': 'left_click', 'coordinate': [251, 58]}



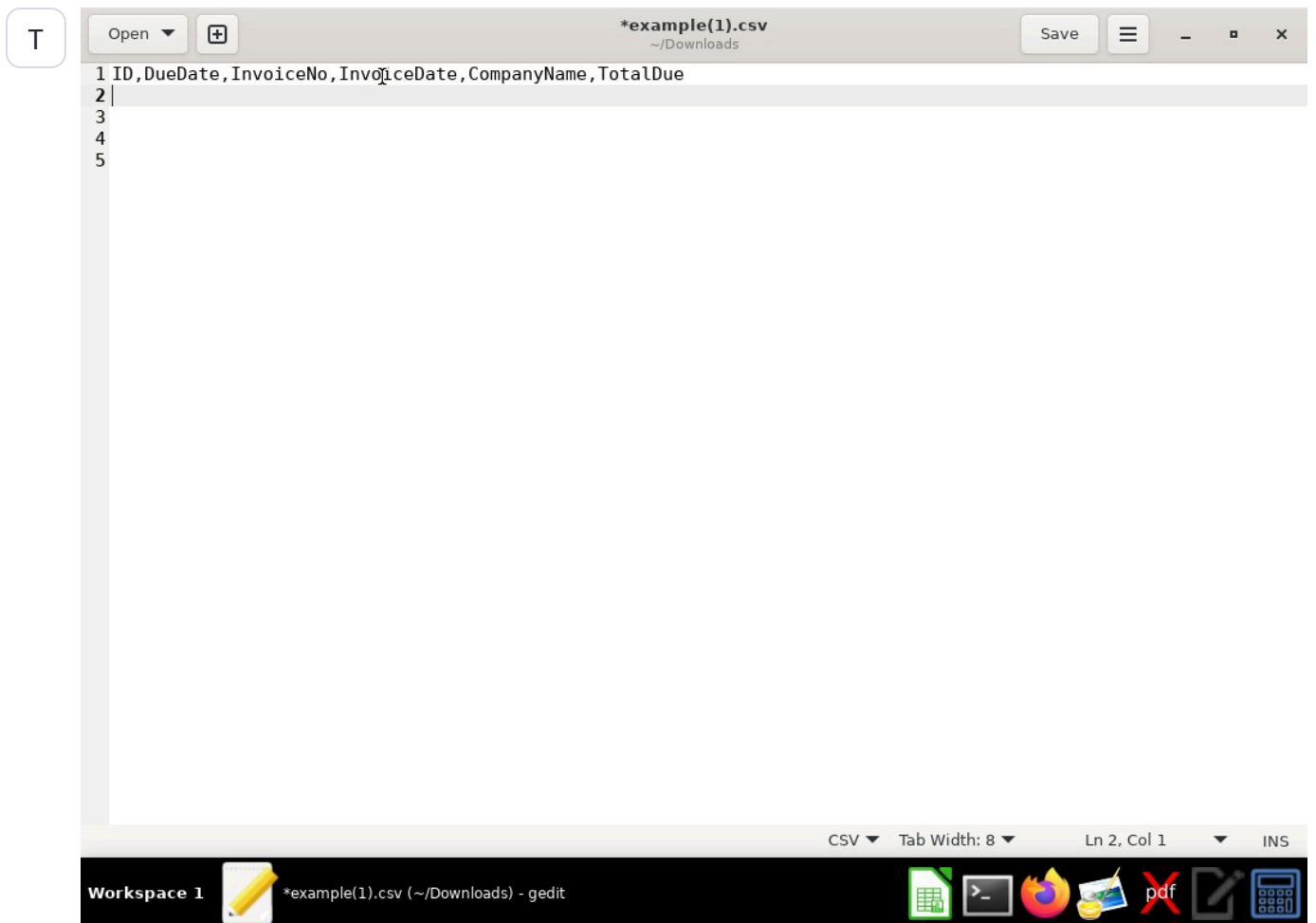
I'll close this tab by clicking on the X button to close it and go back to the main invoice table.

Tool Use: computer
Input: {'action': 'left_click', 'coordinate': [476, 58]}



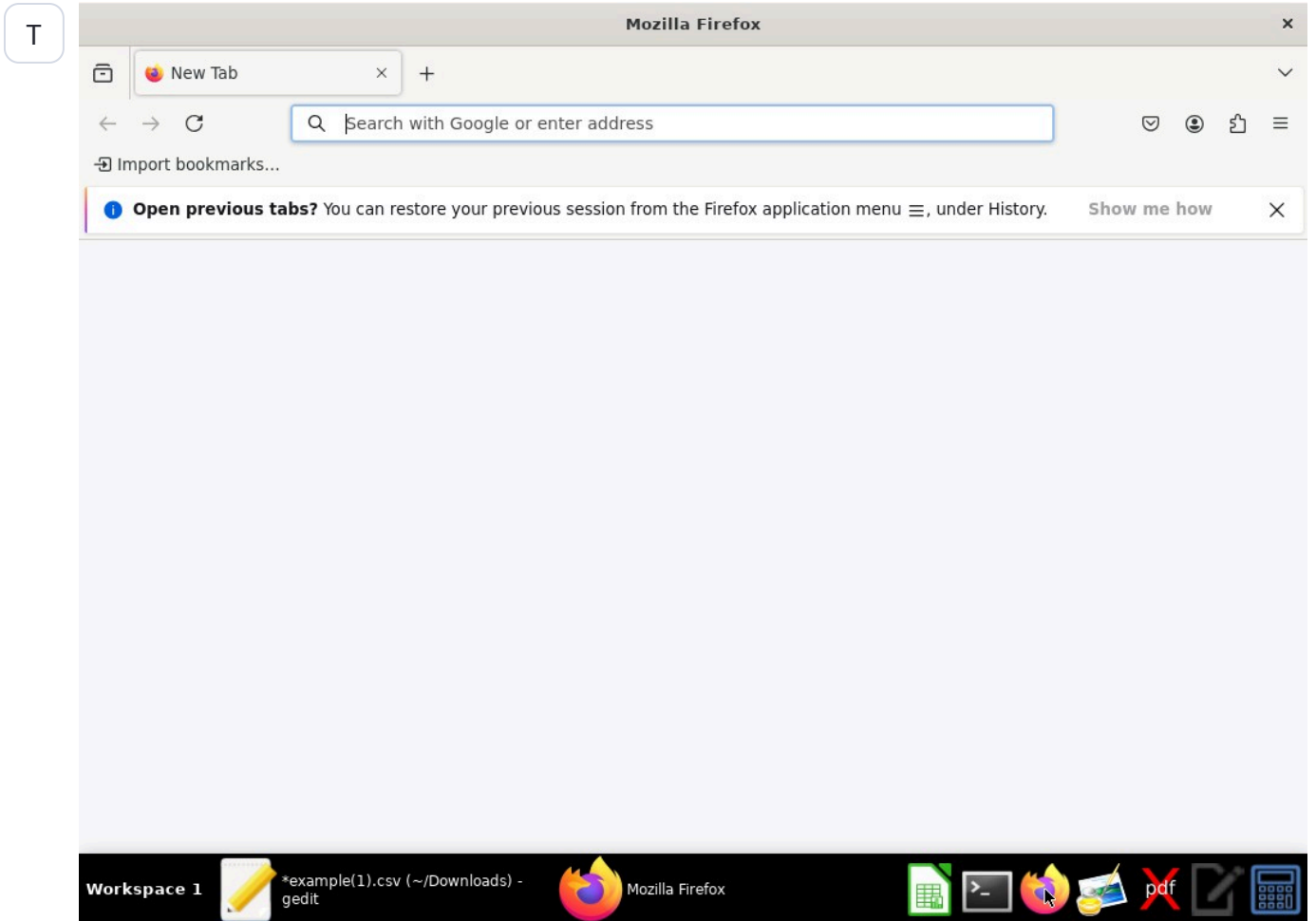
Let me click on the X to close this tab properly.

Tool Use: computer
Input: `{'action': 'left_click', 'coordinate': [251, 58]}`



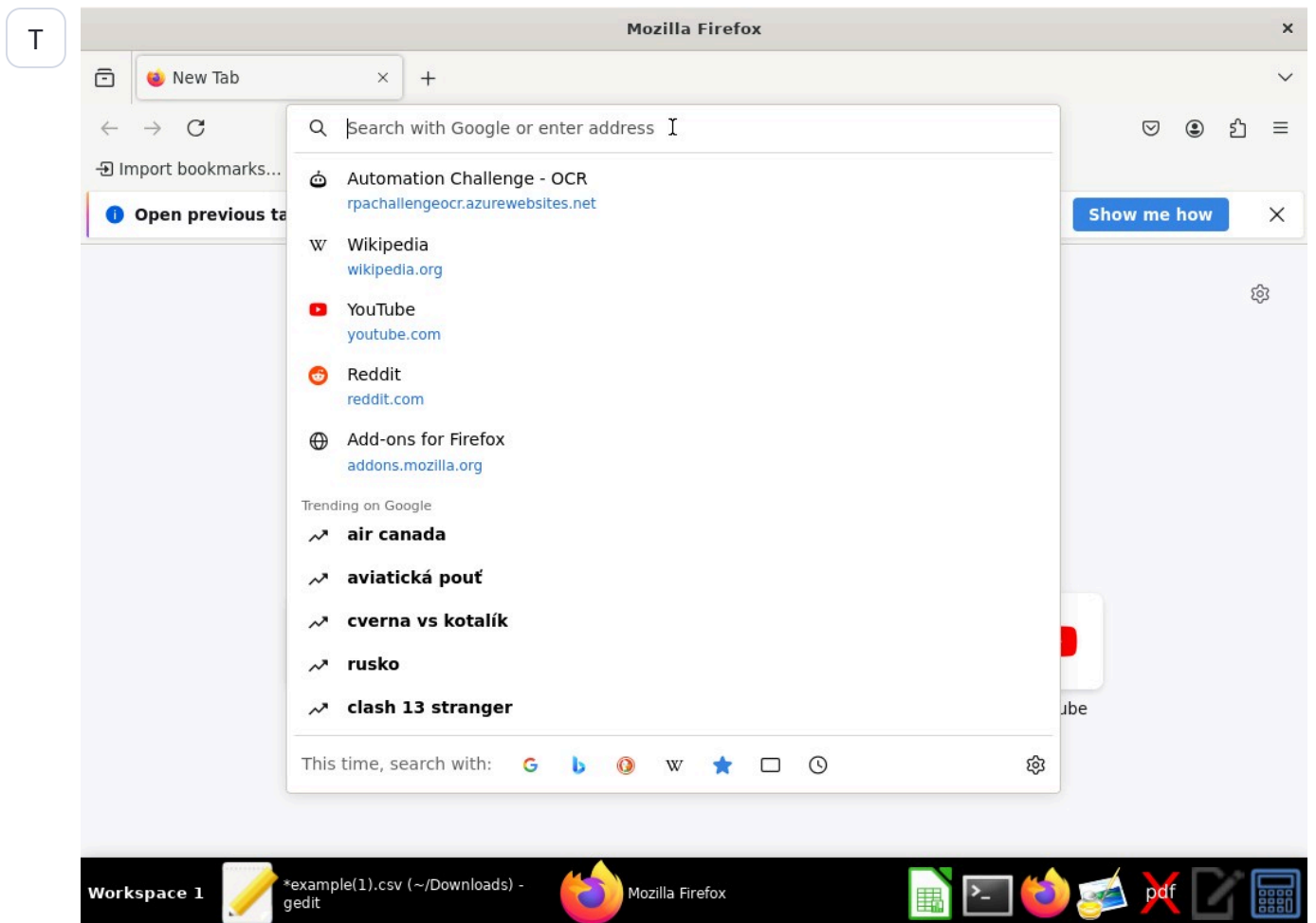
Great! Now I'm back to the CSV file. I need to go back to Firefox to check the ID and Due Date for the first invoice I just viewed, and then I'll enter the data. Let me click on Firefox in the taskbar.

Tool Use: computer
Input: {'action': 'left_click', 'coordinate': [804, 738]}



I see Firefox opened to a new tab. I need to navigate back to the automation challenge. Let me go to the address bar and type the URL.

Tool Use: computer
Input: {'action': 'left_click', 'coordinate': [493, 100]}



Perfect! I can see "Automation Challenge - OCR" in the dropdown. Let me click on it.

Tool Use: computer
Input: `{'action': 'left_click', 'coordinate': [322, 142]}`

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Automation Challenge - OCR — Mozilla Firefox

Automation Challenge - (X) +

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Automation Challenge

Instructions

- The goal of this challenge is to create a workflow that will read every table row and download the respective invoices.
- From the invoices, you will have to extract the **Invoice Number**, **Invoice Date**, **Company Name** and **Total Due**.
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- Good luck!

[Download example CSV](#)
[Download sample invoice 1](#)
[Download sample invoice 2](#)

START

#	ID	Due Date	Invoice
1	fahexiv21ygzpj7w0q9	16-07-2025	↓
2	xarelugvgpk3az5m9hzmh	06-08-2025	↓
3	xin9vmrnk82phove0eeb5	17-06-2025	↓
4	s23svuv3u0e3nh0ryc9kn	25-06-2025	↓

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Workspace 1

*example(1).csv (~/.Downloads) - gedit

Automation Challenge - OCR — Mozilla Firefox

Good! I'm back at the automation challenge interface, but I notice the page has reset and shows the START button again, with different invoice IDs than before. This seems to be a new set of invoices:

- Row 1: ID "i56wvot2yzgam7wxicxp", Due Date "16-07-2025"
- Row 2: ID "gwe5xgygklc3zh3hi9uv8", Due Date "05-06-2025"
- Row 3: ID "xmzhymrn8k2pj7xze6wz6G", Due Date "17-06-2025"
- Row 4: ID "e2hswv3g5o4hr0nxpe38kn", Due Date "25-06-2025"

I need to start the process again. Let me click START.

Tool Use: computer
Input: `{'action': 'left_click', 'coordinate': [170, 589]}`

Automation Challenge - OCR — Mozilla Firefox
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Automation Challenge - (X) +
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Automation Challenge

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[Download example CSV](#)
[Download sample invoice 1](#)
[Download sample invoice 2](#)

In Progress

#	ID	Due Date	Invoice
1	b1yp3ldfd3jdp4chrbum	16-04-2025	↓
2	g5vndndkvc9b0jnyetes	03-06-2025	↓
3	znd1lg5he9mkvs7jdbnu	29-04-2025	↓
4	sywaks8sljzckv0u9j3pr	21-07-2025	↓

Previous 1 2 3 Next

Workspace 1

*example(1).csv (~/.Downloads) - gedit

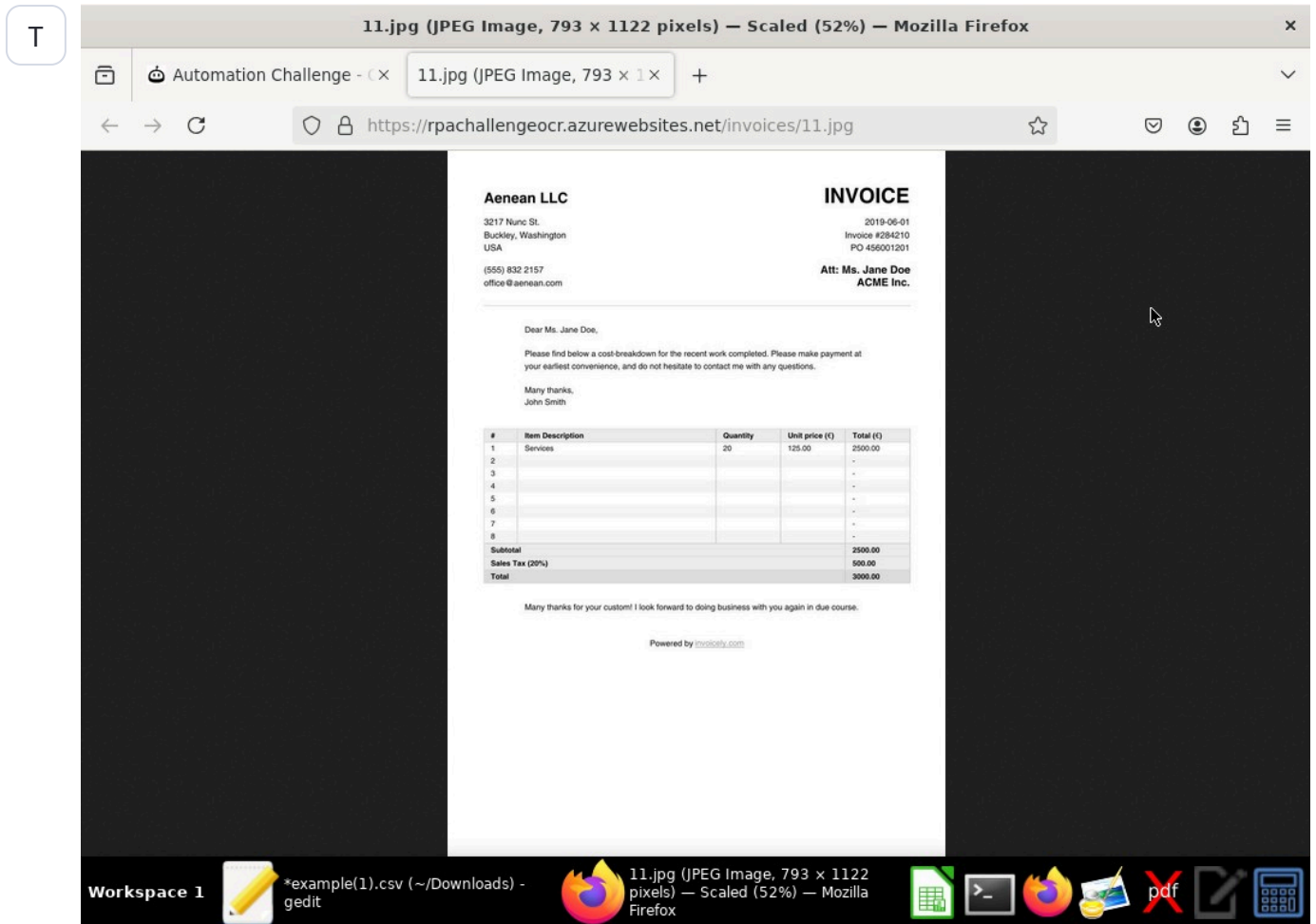
Automation Challenge - OCR — Mozilla Firefox

Great! Now the interface shows "In Progress" and I can see the current set of invoices:

- Row 1: ID "b1rzpt85tcdgk4xho6um", Due Date "16-05-2025"
- Row 2: ID "ppvwdkjbvnk6djsjynt1sz", Due Date "07-06-2025"
- Row 3: ID "rpr1t9j5srhw3w7v8d6xv", Due Date "29-04-2025"
- Row 4: ID "syaw3k81j7p3xkn0u9j3r", Due Date "21-07-2025"

Now I'll start with the first invoice. Let me click on the download icon for the first row.

Tool Use: computer
 Input: {'action': 'left_click', 'coordinate': [890, 253]}



Perfect! I can see the first invoice. Let me extract the information:

From this invoice:

- Company Name: Aenean LLC
- Invoice Date: 2018-06-01 (which is 01-06-2018 in DD-MM-YYYY format)
- Invoice Number: #234210
- Total Amount: 2500.00

Now I need to go back to the table to get the ID and Due Date. Let me click on the first tab to go back to the automation challenge.



Tool Use: computer

Input: `{'action': 'left_click', 'coordinate': [155, 58]}`

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Automation Challenge - OCR — Mozilla Firefox

Automation Challenge - x
11.jpg (JPEG Image, 793 x 1 x 1)
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Automation Challenge

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6. Good luck!

[Download example CSV](#)
[Download sample invoice 1](#)
[Download sample invoice 2](#)

In Progress

#	ID	Due Date	Invoice
1	b1yp3ldfd3jdp4chrbum	16-04-2025	↓
2	g5vndndjvcs6b5nyetes	03-06-2025	↓
3	znd1lq5he9mkvs7jdbnu	29-04-2025	↓
4	sywaks8lljockv8u9g3pr	21-07-2025	↓

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Workspace 1

*example(1).csv (~/.Downloads) - gedit

Automation Challenge - OCR — Mozilla Firefox



Perfect! Now I can see the table with the first invoice:

- ID: "b1rzpt85tcdgk4xho6um"
- Due Date: "16-05-2025"

And from the invoice I just viewed:

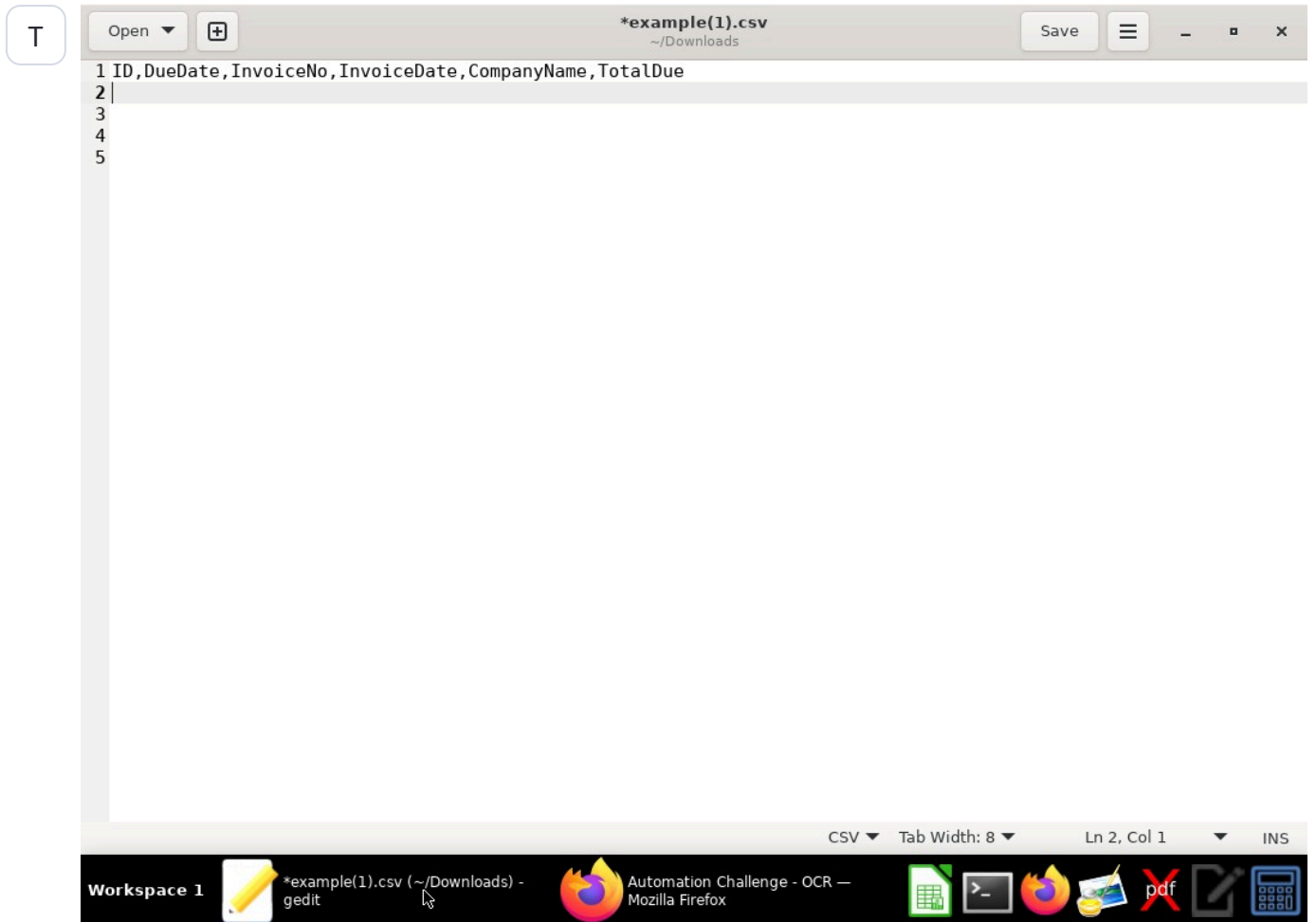
- Invoice Number: 234210
- Invoice Date: 01-06-2018
- Company Name: Aenean LLC
- Total Amount: 2500.00


Now I need to go to the CSV file to enter this data. Let me click on the gedit window.




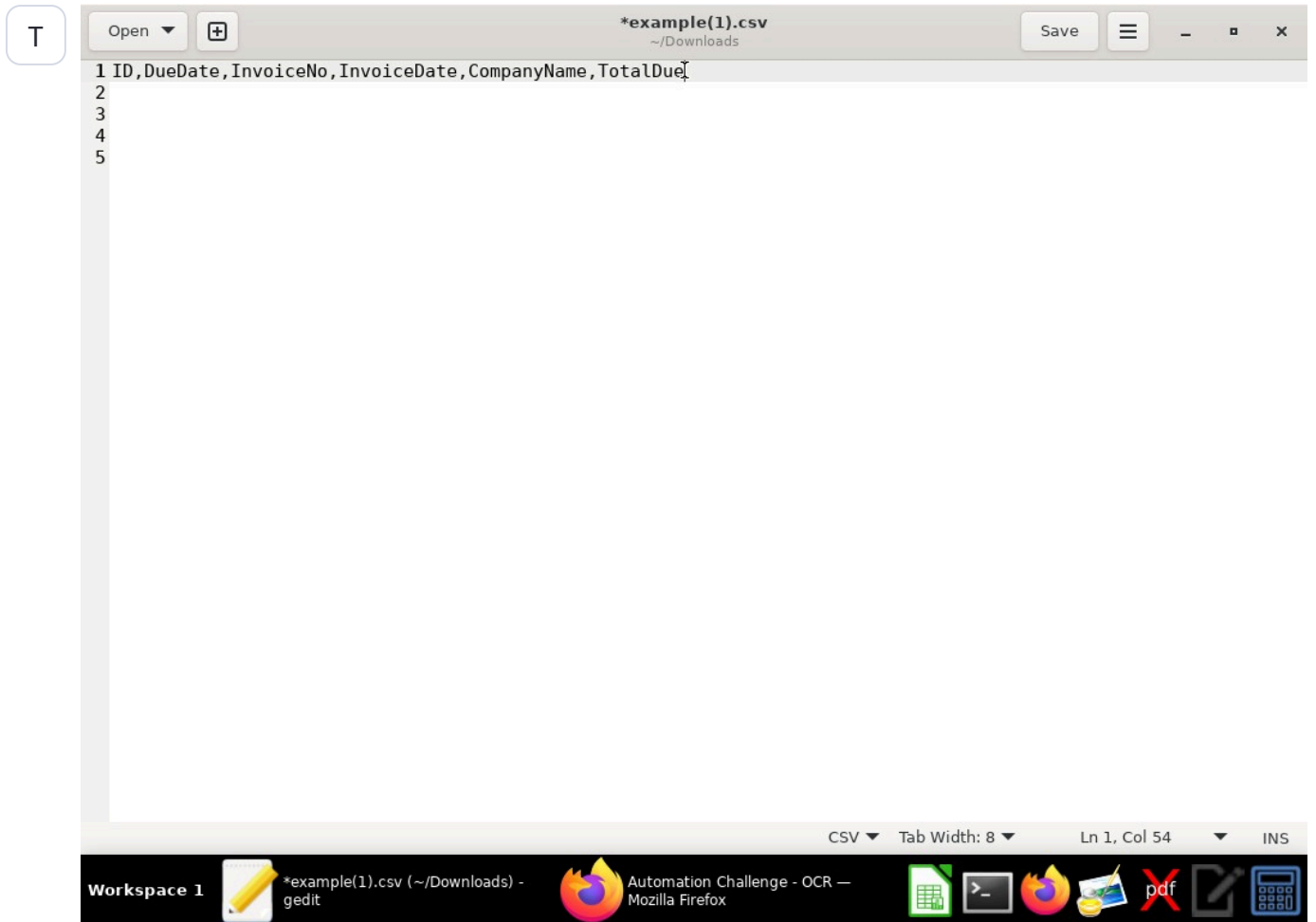
Tool Use: computer

Input: `{'action': 'left_click', 'coordinate': [286, 738]}`



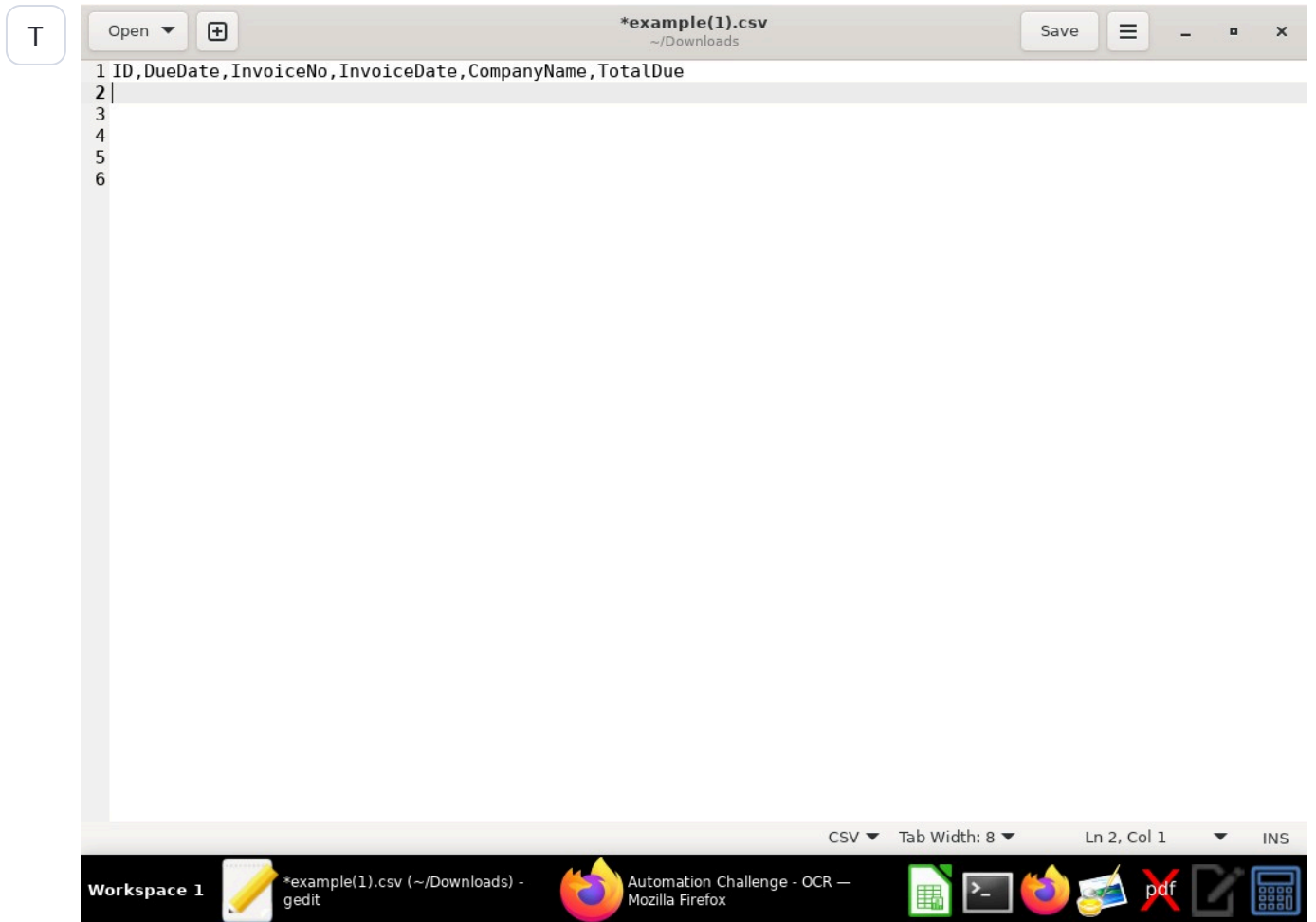
 Good! Now I'm in the CSV file. I need to click at the end of line 1 (after the header) to position my cursor, then go to line 2 to enter the first invoice data. Let me click at the end of line 1.

 Tool Use: computer
Input: {'action': 'left_click', 'coordinate': [503, 55]}



Good! I can see the cursor is positioned at the end of line 1. Now I need to press Enter to go to line 2 and then type the first invoice data.

Tool Use: computer
Input: `{'action': 'key', 'text': 'Return'}`



Perfect! Now I'm on line 2. I need to type the first invoice data in the CSV format. The format is:
ID,DueDate,InvoiceNo,InvoiceDate,CompanyName,TotalDue

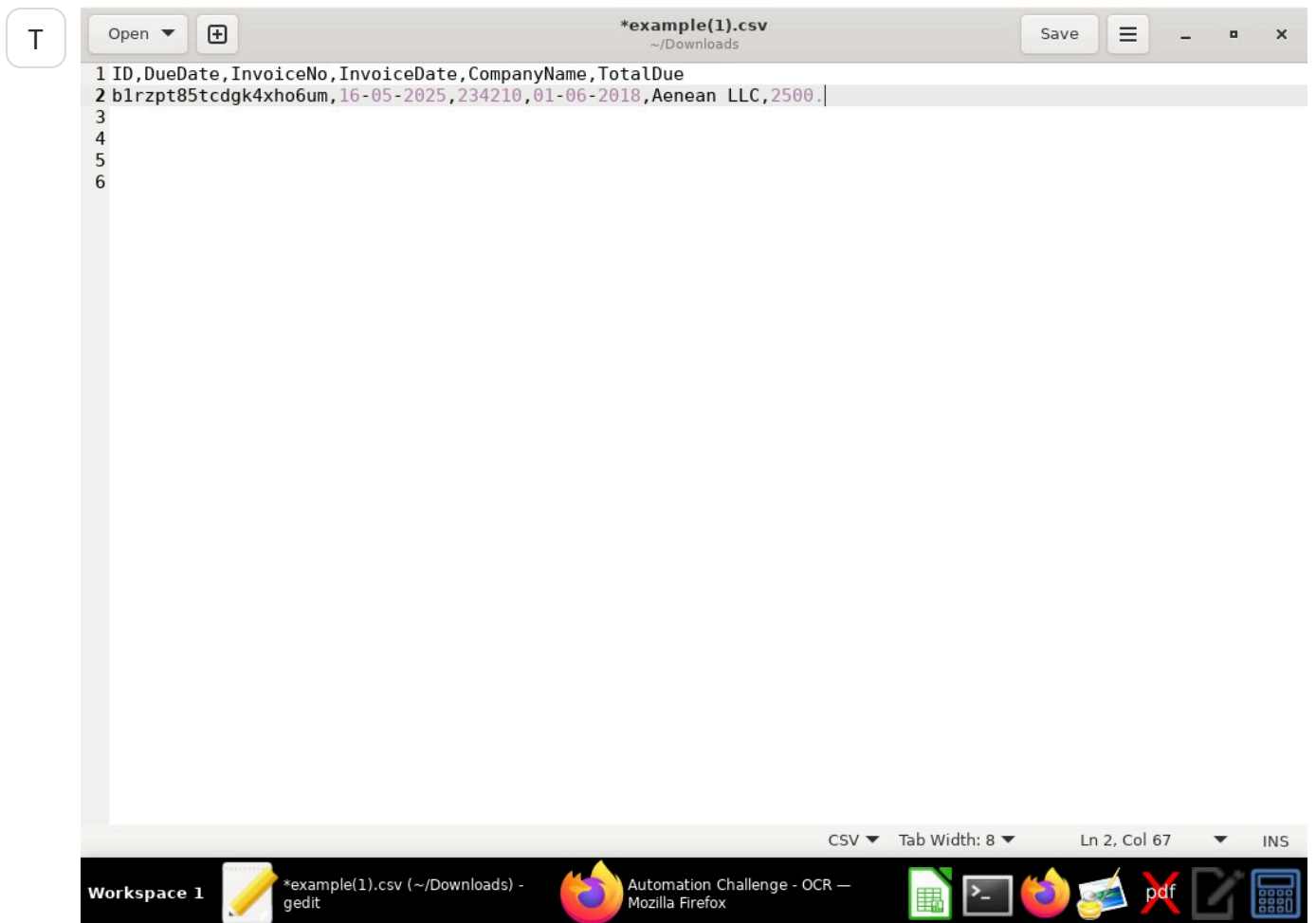
For the first invoice:

- ID: b1rzpt85tcdgk4xho6um
- Due Date: 16-05-2025
- Invoice No: 234210
- Invoice Date: 01-06-2018
- Company Name: Aenean LLC
- Total Due: 2500.00




Tool Use: computer

Input: {'action': 'type', 'text': 'b1rzpt85tcdgk4xho6um,16-05-2025,234210,0



```
1 ID, DueDate, InvoiceNo, InvoiceDate, CompanyName, TotalDue
2 b1rzpt85tcdgk4xho6um, 16-05-2025, 234210, 01-06-2018, Aenean LLC, 2500.
3
4
5
6
```

 Excellent! I can see the first invoice data has been entered correctly. Now I need to go back to Firefox to process the second invoice. Let me click on Firefox in the taskbar.

 Tool Use: computer
Input: {'action': 'left_click', 'coordinate': [547, 738]}

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Automation Challenge - OCR — Mozilla Firefox
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Automation Challenge - (X)
11.jpg (JPEG Image, 793 x 1 × +)
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[Download sample invoice 1](#)
[Download sample invoice 2](#)

In Progress

#	ID	Due Date	Invoice
1	b1yp3ldfd3jdp4chrbum	16-04-2025	↓
2	g5vndndkvc9b0jnyetes	03-06-2025	↓
3	znd1lg5he9mkvs7jdbnu	29-04-2025	↓
4	sywaks8lljockv0u9g9pr	21-07-2025	↓

Previous 1 2 3 Next

Workspace 1

*example(1).csv (~/.Downloads) - gedit

Automation Challenge - OCR — Mozilla Firefox

Perfect! I'm back in the automation challenge. Now I need to process the second invoice. I can see the second row has:

- ID: "ppvwdkjbvnk6djsjynt1sz"
- Due Date: "07-06-2025"

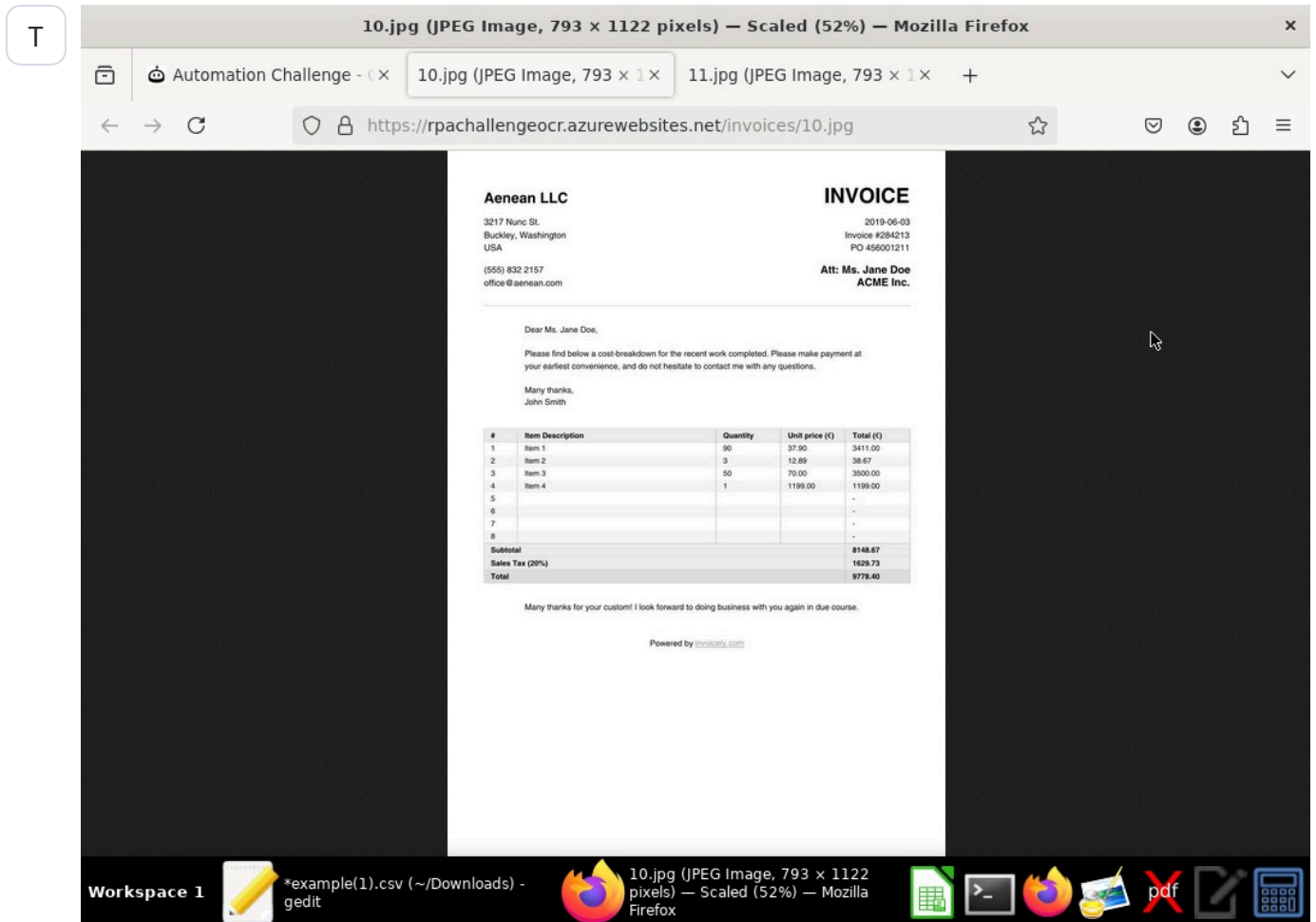
Let me click on the download icon for the second invoice.

Tool Use: computer

Input: `{'action': 'left_click', 'coordinate': [890, 273]}`

localhost:8080

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Great! I can see the second invoice. Let me extract the information from this invoice:

From this invoice:

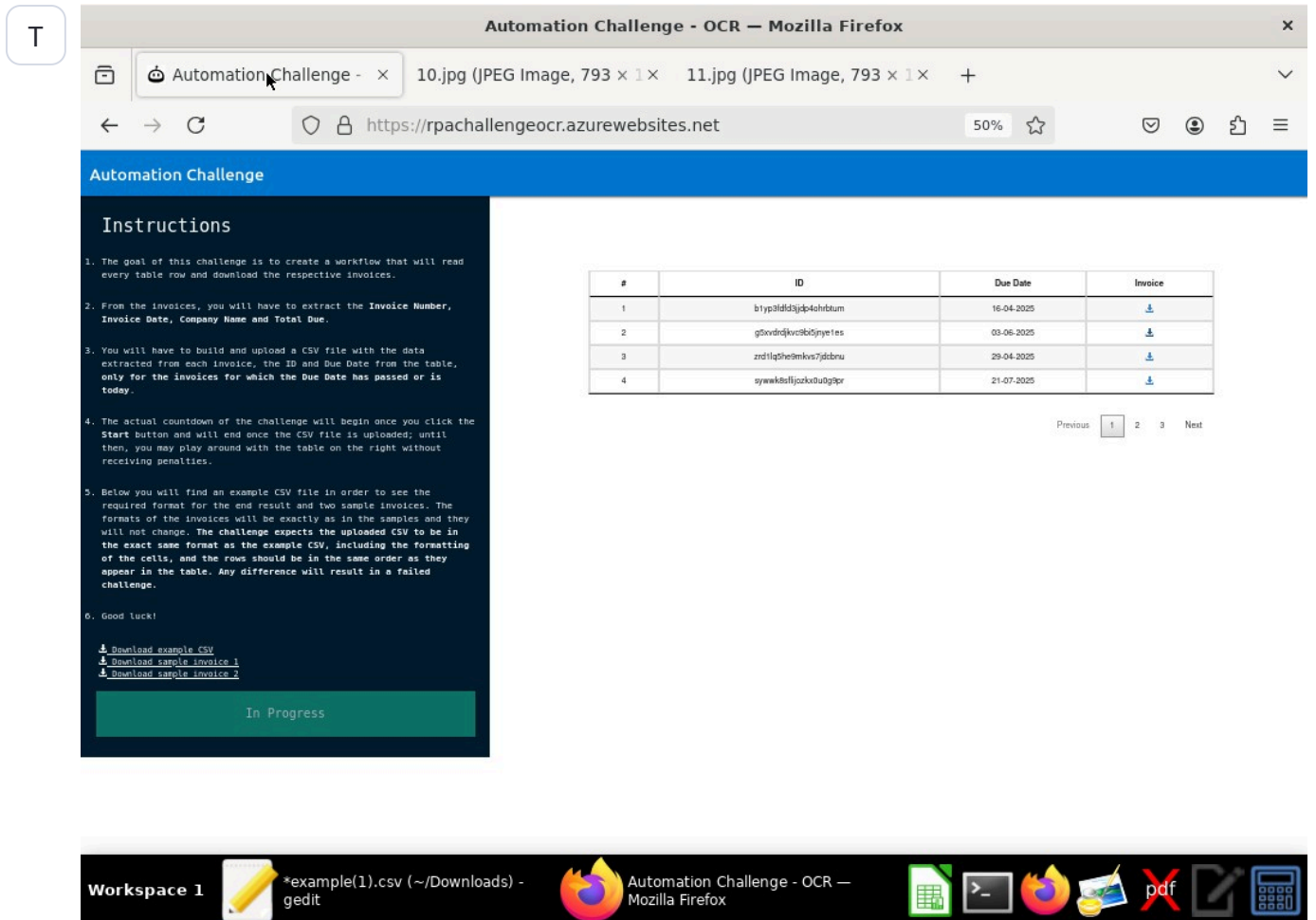
- Company Name: Aenean LLC
- Invoice Date: 2018-06-03 (which is 03-06-2018 in DD-MM-YYYY format)
- Invoice Number: #234213
- Total Amount: 2716.43

Now I'll go back to the CSV file to enter this data. First, let me click on the automation challenge tab to note the ID and Due Date again.



Tool Use: computer

Input: {'action': 'left_click', 'coordinate': [155, 58]}



Perfect! I can confirm the second invoice details:

- Row 2: ID "ppvwdkjbvnk6djsiynt1sz", Due Date "07-06-2025"

Now let me go to the CSV file to enter the second invoice data. Let me click on gedit.




Tool Use: computer

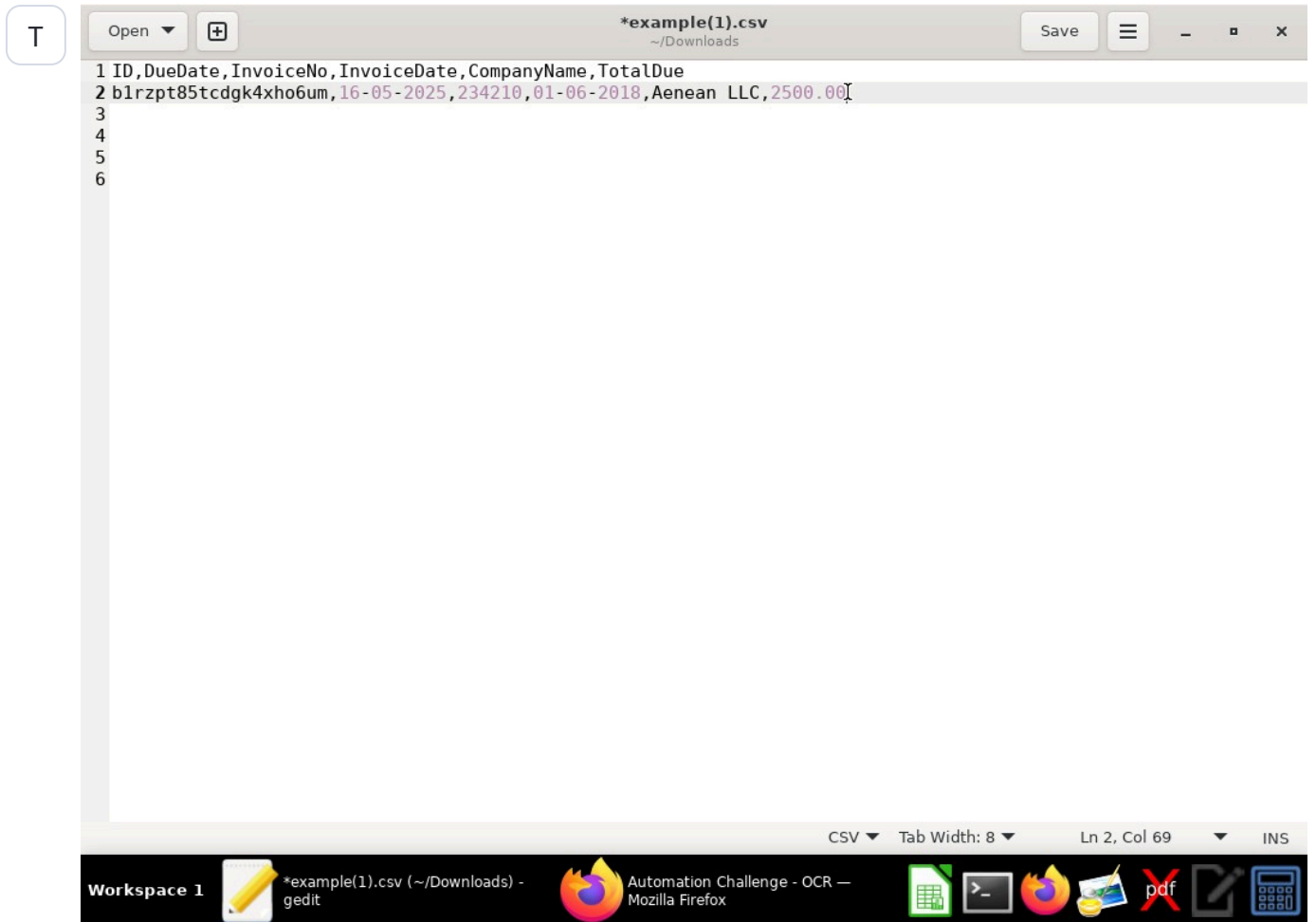
```
Input: {'action': 'left_click', 'coordinate': [286, 738]}
```

```
1 ID, DueDate, InvoiceNo, InvoiceDate, CompanyName, TotalDue
2 blrzpt85tcdgk4xho6um, 16-05-2025, 234210, 01-06-2018, Aenean LLC, 2500.00
3
4
5
6
```


Workspace 1 | *example(1).csv (~/.Downloads) - gedit | Automation Challenge - OCR — Mozilla Firefox | [Icons: Spreadsheet, Terminal, Firefox, PDF, etc.]


 Good! I can see the first invoice data is there. I need to position my cursor at the end of line 2 and add a new line for the second invoice. Let me click at the end of line 2.

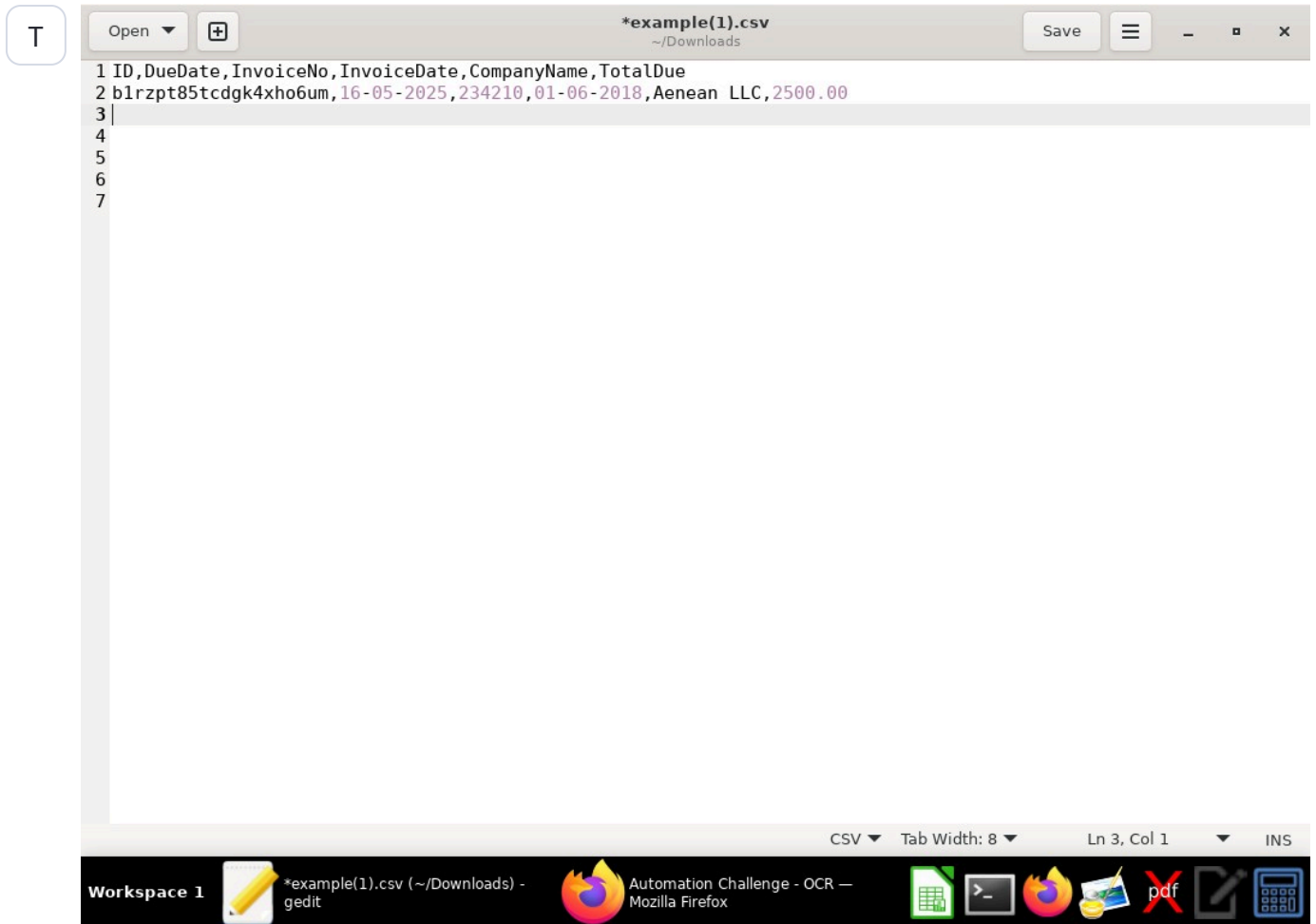
 Tool Use: computer
Input: `{'action': 'left_click', 'coordinate': [639, 73]}`



```
1 ID, DueDate, InvoiceNo, InvoiceDate, CompanyName, TotalDue
2 blrzpt85tcdgk4xho6um, 16-05-2025, 234210, 01-06-2018, Aenean LLC, 2500.00
3
4
5
6
```

 Perfect! Now I need to press Enter to create a new line and then type the second invoice data.

 Tool Use: computer
Input: `{'action': 'key', 'text': 'Return'}`



```
1 ID, DueDate, InvoiceNo, InvoiceDate, CompanyName, TotalDue
2 blrzpt85tcdgk4xho6um, 16-05-2025, 234210, 01-06-2018, Aenean LLC, 2500.00
3
4
5
6
7
```



Good! Now I'm on line 3. I need to type the second invoice data:

- ID: ppvwdkjbvnk6djsjynt1sz
- Due Date: 07-06-2025
- Invoice No: 234213
- Invoice Date: 03-06-2018
- Company Name: Aenean LLC
- Total Due: 2716.43



Tool Use: computer

Input: {'action': 'type', 'text': 'ppvwdkjbvnk6djsjynt1sz,07-06-2025,234213'}

T

Open +

*example(1).csv
~/Downloads

Save

≡


—


□






×

```
1 ID,DueDate,InvoiceNo,InvoiceDate,CompanyName,TotalDue
2 blrzpt85tcdgk4xho6um,16-05-2025,234210,01-06-2018,Aenean LLC,2500.00
3 ppvwdkjbvnk6djsjynt1sz,07-06-2025,234213,03-06-2018,Aenean LLC,2716
4
5
6
7
```

CSV ▾ Tab Width: 8 ▾ Ln 3, Col 68 ▾ INS

Workspace 1  *example(1).csv (~/Downloads) - gedit

 Automation Challenge - OCR — Mozilla Firefox

    pdf 

Type a message to send to Claude to control the computer...

