

TASK 1: Fetching Data

GROUP TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. Make sure Postman is installed and running
2. Take out the card you were handed on the way in

TASK

1. First we need to authenticate - you should set your authorization to Basic Auth.
2. We're working in JSON here; so make sure your application/type is set to json
3. To keep it simple, let's just GET some information.
4. What is the Shop's ID? _____
5. What is the Shop's address? _____

TASK 2: Creating Data

GROUP TASK

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GETTING STARTED

1. Make sure Postman is installed and running
2. Take out the card you were handed on the way in

TASK

1. You're authenticated; and you've got a response back (hopefully) - so you're configured
2. Next - take what we learned about the transactions and *create* yourself as a customer.
3. Need some format help? Follow the payload format on the screen
4. What is the ID generated in the response? _____

Stuck? Try searching for a doc relating to Shopify + Postman. Hint: It'll be an official Shopify doc.

TASK 3: Updating Data

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You should already be authenticated
2. You'll need the customer ID for the Shopify version of *you* you just created

TASK

1. Take the customer ID you just created. GET ahold of the payload first to make sure you're working on the right object.
2. PUT some new data on the object. Update your address.
3. Show someone your updated customer object to get your next task.

Stuck? Try searching for a doc relating to Shopify + customers + api. Look for something about updating. Hint: It'll be an official Shopify doc.

TASK 4: Work smarter, not harder

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You have Postman
2. You're cruising through these tasks - give yourself a pat on the back.

TASK

1. Go here: <https://github.com/lojabasico/shopify-postman>
2. Follow the instructions
3. Feel fantastic, because you're saving some time line a pro. Go get your next task.

Stuck?

If you're stuck on installing the collection, flag a volunteer.

Extra credit?

If you've totally ignored any of the above steps and decided to *not* use Postman; well... I'm a task sheet, not a cop. Here's a framework for Rails engine and basic app:

https://github.com/Shopify/shopify_app as well as a Ruby gem:

https://github.com/Shopify/shopify_api

TASK 5: Apply your cleverness

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You should already have the Postman collection installed
2. If you don't, go back to Task 4 - or write your payload from scratch - your choice.

TASK

1. Remember when we created a customer? Create two more. Include name, address, email, phone number and any other dependencies to generate your objects.
2. Customer ID 1: _____
3. Customer ID 2: _____

Stuck?

Docs docs docs docs docs docs! If you're stuck, head back to Task 3 and try that Google search again.

Extra credit?

If you've totally ignored any of the above steps and decided to *not* use Postman; well... I'm a task sheet, not a cop. Here's a framework for rails engine and basic app:

https://github.com/Shopify/shopify_app as well as a Ruby gem:

https://github.com/Shopify/shopify_api

TASK 6: Let's sell some things

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

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POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You should already have the Postman collection installed.
2. If you're selling things, what's the object that the customer *likely* needs to investigate or, hopefully buy... This is what you're creating.

TASK

1. OK - time to get serious here. We need something to sell. Let's get that something up on our Shopify store. Choose the object that you think might fit here, and create one! You should include some basic details, a title, and an image.
2. POST up that new shiny object and show it to a volunteer (within the Shopify store, not your API payload this time) to move on.

Stuck?

Psssst: You're creating a product. Use the stuck hints from before to try to find the doc. Don't forget Postman has a template for this.

TASK 7: Let's sell all the things

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You should already have the Postman collection installed.
2. You should have a product object from last task.

TASK

1. Remember that product you made? Make two more.
2. Write all three product IDs you've created here:

Stuck?

Psssst: You're creating a product. Use the stuck hints from before to try to find the doc. Don't forget Postman has a template for this.

Extra credit?

Don't write down your product IDs, use an API call to list them. Note: Others will be working in the same store as you, so maybe note those IDs - but if you're feeling ambitious try this anyway.

TASK 8: ORDER UP!

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. If you've skipped the other tasks, you rascal - go back - you need the objects you've generated.

TASK

1. So; we have customers and we have products. What happens when those things get purchased? Hint - it's in the title.
2. This is a little trickier - there are very specific requirements to generating an order.
3. Generate 1 order using your customer object, and one (or more) of your products.
4. Write your order ID as created here: _____
5. What's the order name? _____

TASK 8.5: ORDER OOPS!

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You'll need that order object from the last task.

TASK

1. OK - so, you forgot an item on that order. Why don't you PUT something else on it.
2. Stuck? Phone a friend. (Or turn to the person next to you)
3. Still stuck eh?
4. What have you learned about Shopify orders? _____

Stuck?

This one ramps up, just a little. Not because of any sort of technical reason, just that the format it accepts is pretty strict. Your Postman template + your favourite way to find the docs *should* help, if you get stuck here or your responses continue to error - flag a volunteer.

TASK 9: 2X TASK 6!

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

AN INTERNET CONNECTION

POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. You'll need to forgive Dono for that last one.

TASK

1. Two more orders please. Use any combination of your customers and products.
2. Order ID 1:
3. Order ID 2:
4. Order ID 3:

Why am I doing this?

Because - trying to prove a point. Also it's good practice. Something something rote.

TASK 10: DOLLA DOLLA BILLZ

SOLO TASK

THINGS YOU NEED

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GETTING STARTED

1. You've made it this far. Nice. Now we're going to try creating a transaction

TASK

1. So; Shopify has a concept of child objects. Transactions are one. Find out how to build one.
2. Create your transaction on one of the orders; and output ID here:

EXTRA CREDIT

1. Try refunding this via the API.

HELP!

Use your google fu to find the transaction docs.

TURN IT UP TO 11: APpLy your skills.

SOLO TASK

THINGS YOU NEED

YOUR LAPTOP

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POSTMAN (<https://www.getpostman.com/>)

GETTING STARTED

1. A good understanding of the above
2. The ability to either write a shell script or stand up a quick app. See the tools above to make this easier if you're using Ruby and Rails

TASK

1. You've learnt the basics, now let's wrap it together. The client receives data feeds from their supplier in this format: **`https://tinyurl.com/api-techyon`**
2. Please import and create products from this format.
3. Please write your Shopify product IDs in the space provided on the import.
4. From here, generate an order using some of the products you've just created.
5. Flag the order high risk.

STUCK?

1. Try finding a gem or library to help you parse the CSV