# Software engineer - Coding test #1

Build a scraper **API** using TypeScript that detects font styles, button styles of a Shopify store.

The api will allow users to enter an URL of a product page of a Shopify store, e.g: <https://growgrows.com/en-us/products/plentiful-planets-sleepsuit>, <https://devonandlang.com/products/journey-boxer-brief-puglie>, and the API will return a json like the below:

{

"fonts": [{

"family": "Helvetica",

"variants": "400",

"letterSpacings": "0.01em",

"fontWeight": "400",

"url": "https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap"

}],

"primaryButton": {

"fontFamily": "Helvetica",

"fontSize": "16px",

"lineHeight": "1.5",

"letterSpacing": "0.01em",

"textTransform": "uppercase",

"textDecoration": "underline",

"textAlign": "left",

"backgroundColor": "#000",

"color": "#fff",

"borderColor": "#000",

"borderWidth": "1px",

"borderRadius": "4px"

}

}

The items in “fonts” and “primaryButton” are the available text styles & button styles that your program can find on the submitted product page.

Hint, the selector for the button you want to get the styles of is **form[action\*="/cart/add"] button**

You could write your code in your IDE and then inject it in the console to run it.

Upload your code to github and send it to [son.chu@upnova.io](mailto:son.chu@upnova.io)

**Remember to test your code with a lot of Shopify product pages**