

IT CYCLE 8

GITHUB



Made by : Marcello Reynaldo Rodriguez Loayza

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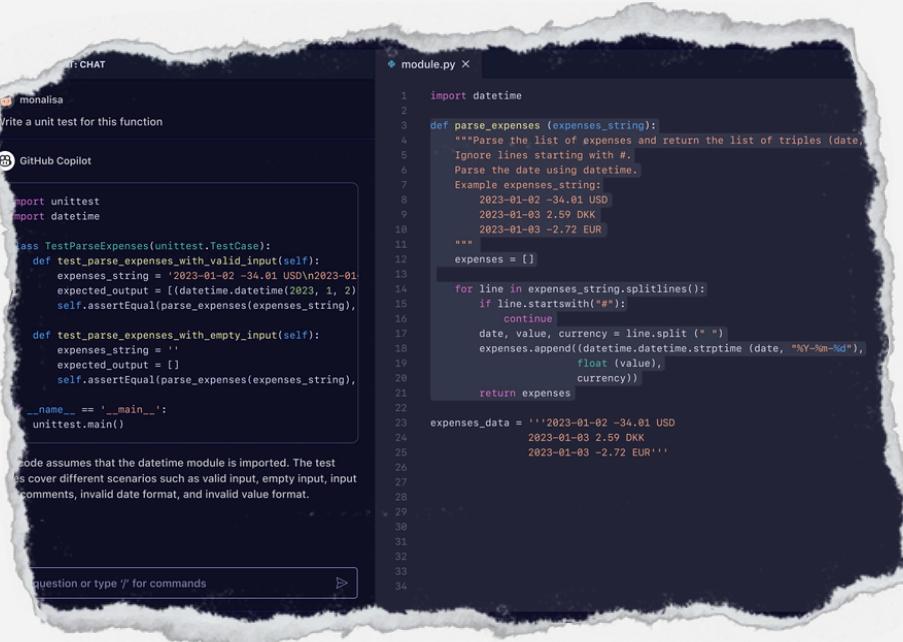
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What is GitHub if you are new

Is a platform for
hosting code with
collaborations



A screenshot of a GitHub Copilot interface. On the left, there's a chat window with messages from 'monalisa' and 'GitHub Copilot'. Monalisa asks for a unit test for a function named 'parse_expenses'. GitHub Copilot provides a code completion for a Python file named 'module.py'. The code defines a class 'TestParseExpenses' with two test methods: 'test_parse_expenses_with_valid_input' and 'test_parse_expenses_with_empty_input'. It also includes a function 'parse_expenses' which parses a string of expenses and returns a list of tuples. The code uses the datetime module to parse dates and float to parse values. A sample input string is provided, and the expected output is shown as a list of tuples.

```
1 import datetime
2
3 def parse_expenses(expenses_string):
4     """Parse the list of expenses and return the list of triples (date,
5     Ignore lines starting with #.
6     Parse the date using datetime.
7     Example expenses_string:
8     2023-01-02 -34.01 USD
9     2023-01-03 2.59 DKK
10    2023-01-03 -2.72 EUR
11    """
12    expenses = []
13
14    for line in expenses_string.splitlines():
15        if line.startswith("#"):
16            continue
17        date, value, currency = line.split(" ")
18        expenses.append(datetime.datetime.strptime(date, "%Y-%m-%d"),
19                        float(value),
20                        currency)
21
22    return expenses
23
24 expenses_data = """2023-01-02 -34.01 USD
25 2023-01-03 2.59 DKK
26 2023-01-03 -2.72 EUR"""
27
28
29
30
31
32
33
34
```

The history of GitHub

It was developed by

Chris Wanstrath

P. J. Hyett

Tom Preston-Werner

Scott Chacon

Ruby on Rails

Started in 2008.



WHAT IS GITHUB FOR

Is an **online** software development platform.

Makes it **easy** for developers to share **codes**



HOW GITHUB WORKS

**In short, the file has to be opened after creating an account, in this account you
create a project and there you start**

- 1 Sign Up in Github
- 2 Create a repository
- 3 Set Up Git and install
- 4 Makes changes
- 5 Add changes
- 6 Commit Changes

HOW TO CREATE A REPOSITORY

In the upper-right corner of page

select

click New repository.

Type a name

add a description

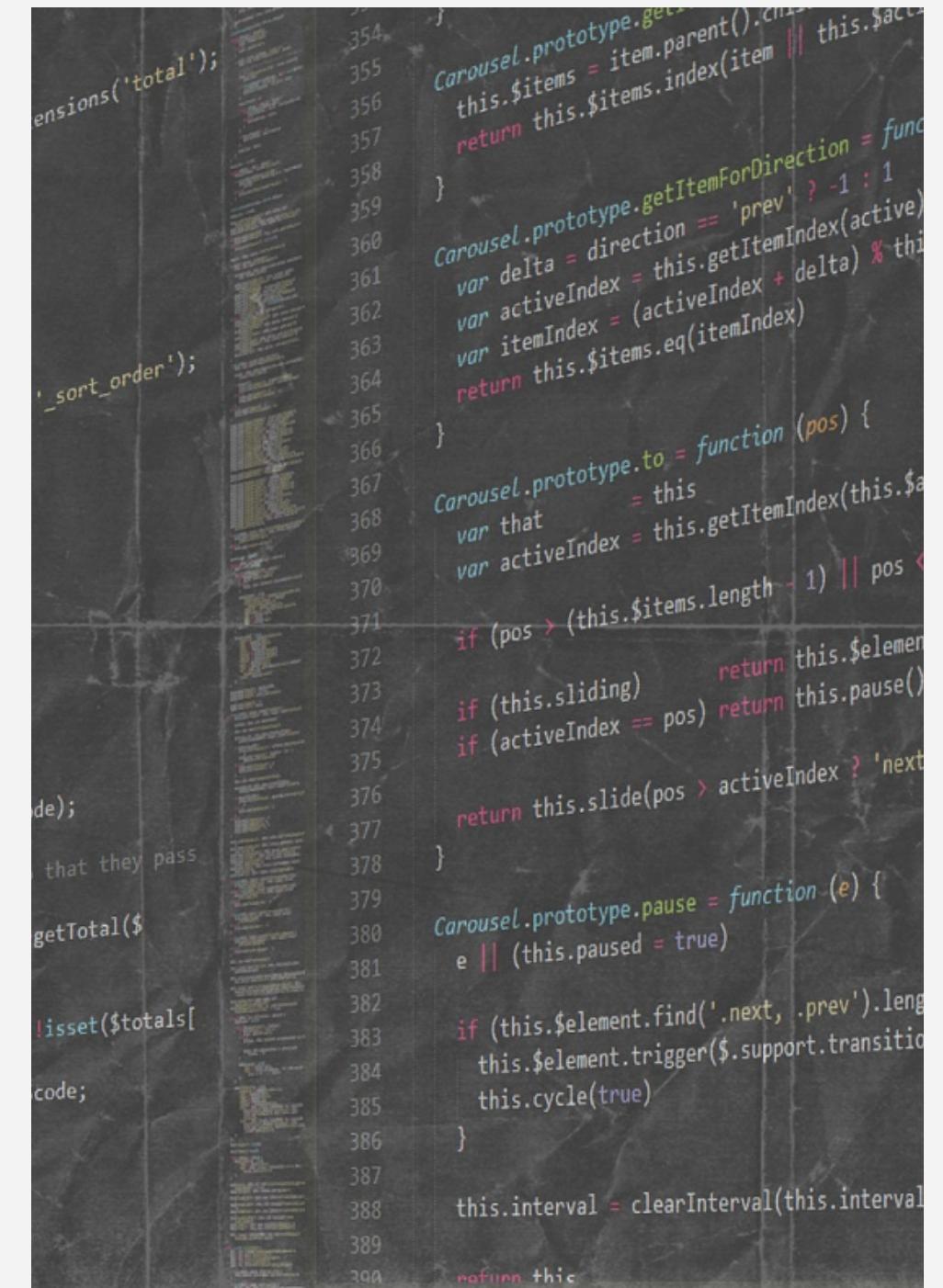
Choose a repository visibility.

Select

Initialize this repository

Click

Create repository.



HOW TO UPLOAD A FILE IN YOUR REPOSITORY SCHEDULE

Go to the **main page**
Above the list of files
select the **Add file**
dropdown menu
and
click **Upload files.**



THANK YOU!

