

# **503 days working full-time on FOSS: LESSONS LEARNED**

Rodrigo Girão Serrão

[rodrigo@mathspp.com](mailto:rodrigo@mathspp.com)

**DISCLAIMER: Subjective**



17 days ago | prev | next [-]

To me, these lessons feel very similar to the lessons learned working at a midsized company.

**503 days working full-time on FOSS:**

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[rodrigo@mathspp.com](mailto:rodrigo@mathspp.com)

# 503 days working full-time on FOSS:

LESSONS I LEARNED BUT THAT AREN'T NECESSARILY UNIQUE TO FOSS AND THAT YOU MIGHT HAVE LEARNED, OR MIGHT STILL LEARN, IN SOME OTHER PERSONAL OR PROFESSIONAL CONTEXT

Rodrigo Girão Serrão  
[rodrigo@mathspp.com](mailto:rodrigo@mathspp.com)

# **LESSONS LEARNED**

# 1. Getting a tech job;

1. Getting a tech job;
2. Managing your ego;

1. Getting a tech job;
2. Managing your ego;
3. Interacting with users;

1. Getting a tech job;
2. Managing your ego;
3. Interacting with users; and
4. Working on a big codebase.

# Getting a tech job

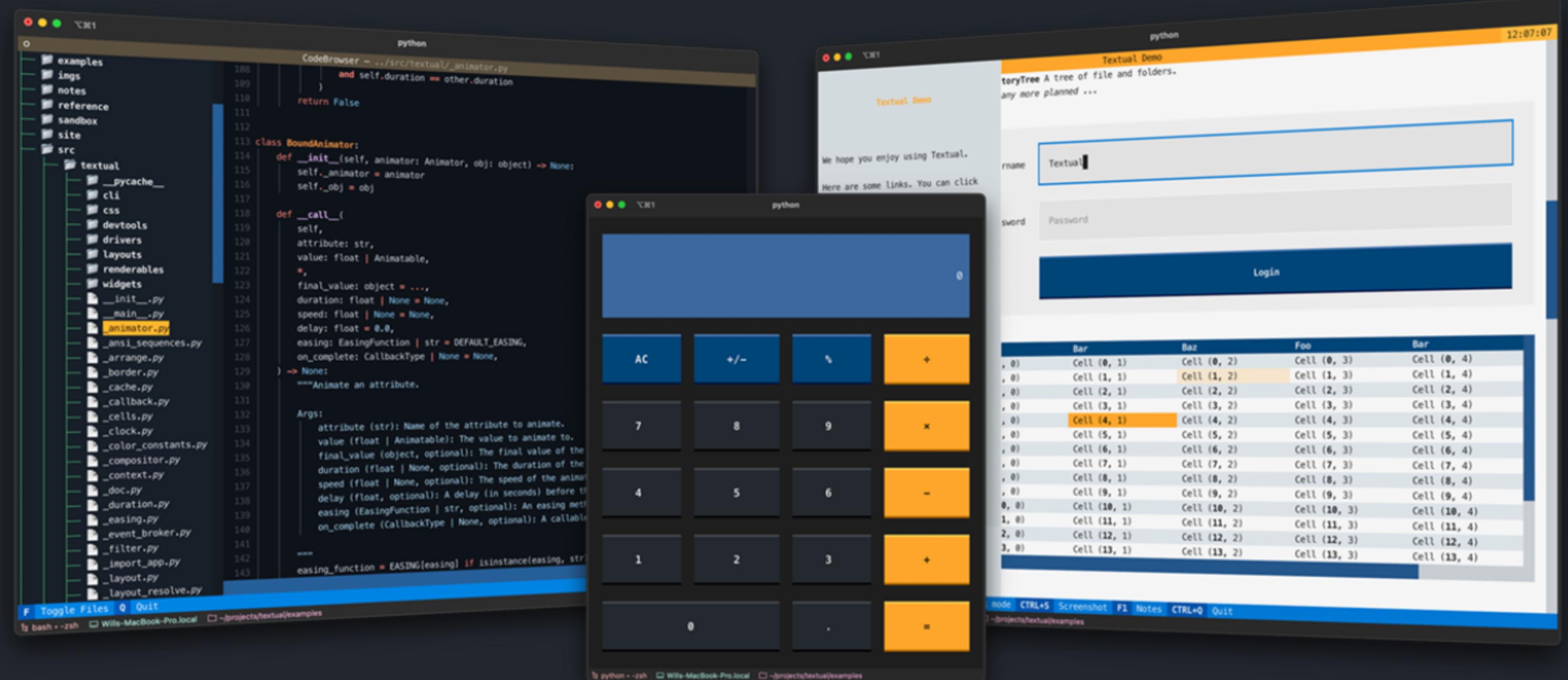
**Everything you do online acts as a banner**

Luck is not 100% random

# Managing your ego

Ask ALL the questions

Embrace (code review) feedback



chat 311 online

# 🔗 Textual

Textual is a *Rapid Application Development* framework for Python.



**willmcgugan** requested changes on Nov 25, 2022

[View reviewed changes](#)

**willmcgugan** left a comment

Member

...

Looks good! Just one request.



 willmcgugan requested changes

**willmcgugan left a comment**

Looks good! Just one request.



 willmcgugan requested changes on Jan 11, 2023

**willmcgugan left a comment**

A few requests



 willmcgugan requested changes on Sep 4, 2021

[View reviewed changes](#)

`src/textual/_animator.py` Outdated

```
... ... @@ -27,14 +28,128 @@ def blend(self: T, destination: T, source: T, alpha: float) -> T:
    27     28         ...
    28     29
    29     30
31 + def _in_out_expo(x):
```

 willmcgugan on Sep 4, 2021

Could you type these? Seems redundant, but at some point I will switch to them being required.

 willmcgugan requested changes on Sep 4, 2021

**willmcgugan left a comment**

Looks good! Just one request.

 willmcgugan requested changes on Jan 11, 2023

[View reviewed changes](#)

`src/textual/_animator.py` Outdated

`src/textual/dom.py` Outdated

`src/textual/widget.py` Outdated

`CHANGELOG.md` Outdated

 willmcgugan left a comment

A few requests

 willmcgugan requested changes on Jan 23, 2023

[View reviewed changes](#)

`src/textual/widget.py` Outdated

I think you've identified what the issue is, but I don't think the proposed fix is in the right place.

The change introduces additional logic and state in to deciding if the scrollbars should be shown. I think we can keep the current logic (which is simpler) by calling `_refresh_scrollbars` when the style is changed, i.e. in the property.

Suggest we refresh the scrollbar state when the style changes. This is a bit cleaner than having a custom descriptor based on String.

 willmcgugan requested changes on Jan 25, 2023

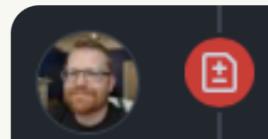
[View reviewed changes](#)

`src/textual/widget.py` Outdated

 willmcgugan left a comment

Nice work! Just one request to rename a method.

2023



willmcgugan requested changes on Sep 4, 2021

src/textual/\_animator.py Outdated

```
... ... @@ -27,14 +28,128 @@ def blend(self: T, destination: ...  
27 28 ...  
28 29  
29 30  
31 + def _in_out_expo(x):
```



wi

C

re



davep approved these changes on Jan 31, 2023

[View reviewed changes](#)



willmcgugan requested changes on Jan 11, 2023

[View reviewed changes](#)

willmcgugan left a comment

Member ...

A few requests



Looks good! Just one request.

A few requests



will



s

willmcgugan requested changes on Jan 23, 2023

[View reviewed changes](#)

[View reviewed changes](#)

willmcgugan left a comment

Member ...

Show resolved

I think you've identified what the issue is, but I don't think the proposed fix is in the right place.

The change introduces additional logic and state in to deciding if the scrollbars should be shown. I think we can keep the current logic (which is simpler) by calling `_refresh_scrollbars` when the style is changed, i.e. in the property.

Suggest we refresh the scrollbar style when the style changes. This is a simple fix, but it's a bit more complex than a custom descriptor based on String.



willmcgugan requested changes on Jan 25, 2023

[View reviewed changes](#)

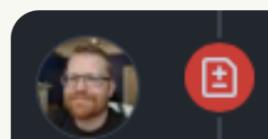


willmcgugan left a comment

Member ...

Nice work! Just one request to rename a method.





 **willmcgugan** requested changes on Sep 4, 2021

[View reviewed changes](#)

src/textual/\_animator.py Outdated

```
...     ... @@ -27,14 +28,128 @@ def blend(self: T, destination: T, source: T, alpha: float) -> T:
    27     28         ...
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 **willmcgugan** requested changes on Jan 11, 2023

[View reviewed changes](#)

**willmcgugan** left a comment

Member ...

A few requests



**davep** approved these changes on Jan 31, 2023



**willmcgugan** requested changes on Jan 31, 2023



**willmcgugan** left a comment

Examples are great. The text could use a little revision.





Everyone makes mistakes

Just don't make the same mistake twice



**rodrigogiraoserrao** commented on Feb 27, 2023

Can we create a "shameful" label and add it to this issue, please?



**rodrigogiraoserrao** closed this as completed on Feb 27, 2023

# Interacting with users

# CREATE A CONTRIBUTING GUIDE

# CREATE A CONTRIBUTING GUIDE\*

\*But no one will read it...

Give clear instructions to bug reporters

A screenshot of a GitHub repository page titled "Textualize / textual". The page shows 127 issues and 24 pull requests. A prominent feature is a large callout box in the center with two sections: "Bug report" and "Task". Each section has a "Get started" button. At the bottom, there's a link to "Open a blank issue." and a link to "View organization templates". The GitHub logo and copyright information for 2024 are at the bottom.

github.com/Textualize/textual/issues/new/choose

New Issue · Textualize/textual

Textualize / textual

Code Issues 127 Pull requests 24 Discussions Actions Projects 1

Bug report Create a report to help us improve Get started

Task An outstanding feature that needs to be implemented Get started

Don't see your issue here? [Open a blank issue.](#)

[View organization templates](#)

Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information

© 2024 GitHub, Inc.

Give clear instructions to bug reporters

# Give clear instructions to bug reporters

\*Refer to contributing guide.

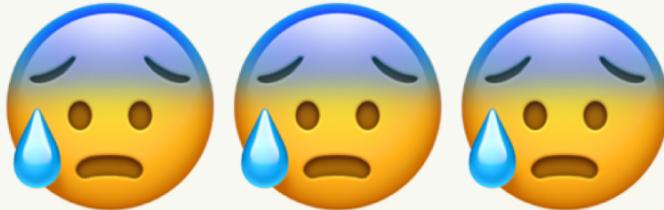
Be so kind it's annoying

Give first reply quickly

# Give first reply quickly

\*Refer to contributing guide.

# How to handle external pull requests



# How to handle external pull requests



\*Refer to contributing guide.

# How to handle external pull requests

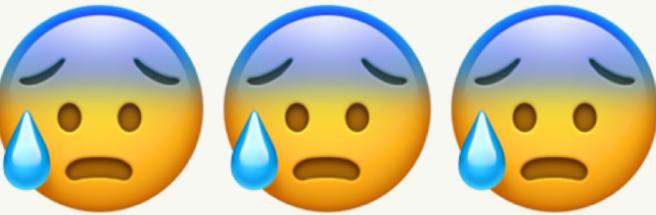


\*Refer to contributing guide.

\*Refer to contributing guide.

# How to handle external pull requests:

closing PRs



Story time

# **Working on a big codebase**

4 points to always keep in mind

4 points to always keep in mind

What's best for the dev?

4 points to always keep in mind

What's the spirit of the issue?

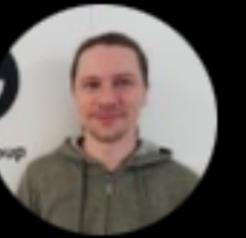


**Alexey Grigorev** @Al\_Grigor · Feb 3, 2021

...

- ◆ Input: "aaaabbbcca"
- ◆ Output: [("a", 4), ("b", 3), ("c", 2), ("a", 1)]

Write a function that converts the input to the output



**Alexey Grigorev** @Al\_Grigor · Feb 3, 2021

...

- ◆ Input: "aaaabbbcca"
- ◆ Output: [("a", 4), ("b", 3), ("c", 2), ("a", 1)]

Write a function that converts the input to the output

485

222

1K



Followed by some accounts you follow



**Robert Smallshire**

@robsmallshire

...

```
def func(x):  
    return [("a", 4), ("b", 3), ("c", 2), ("a", 1)]
```

4 points to always keep in mind

I take the hit so the dev doesn't.

4 points to always keep in mind

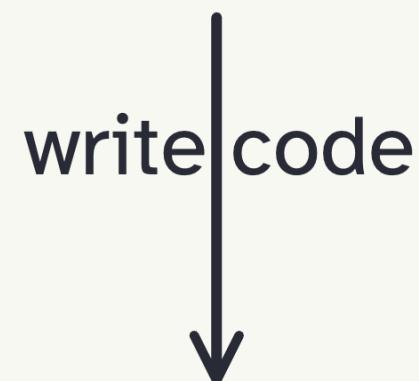
Am I preventing something reasonable?

Take notes

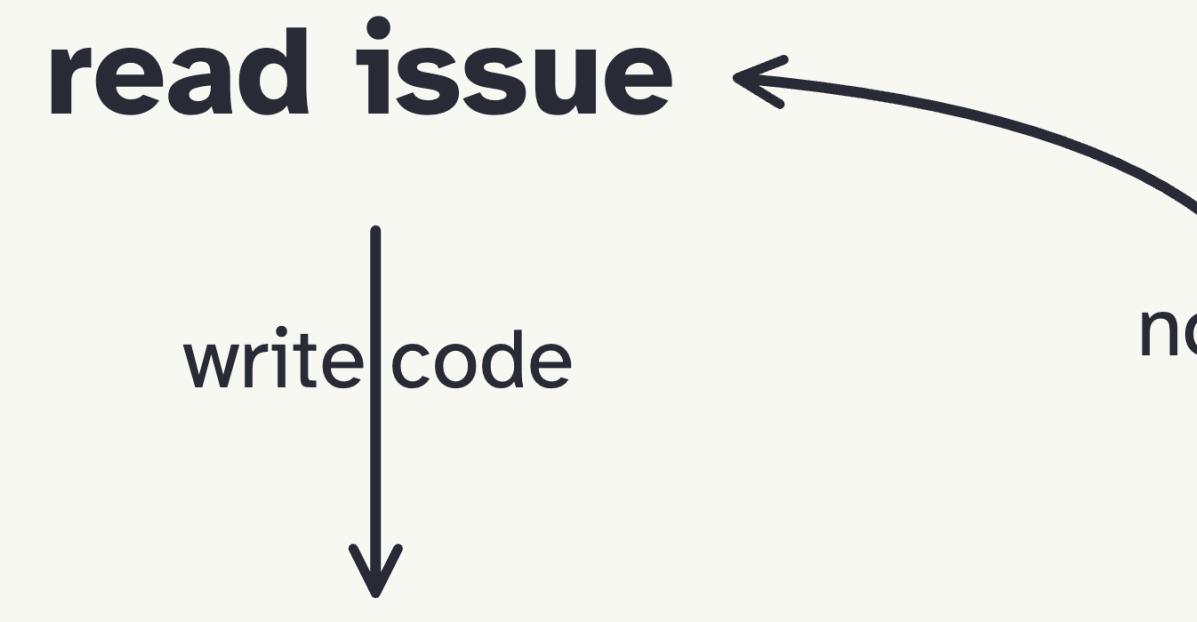
# Personal pull request checklist

**read issue**

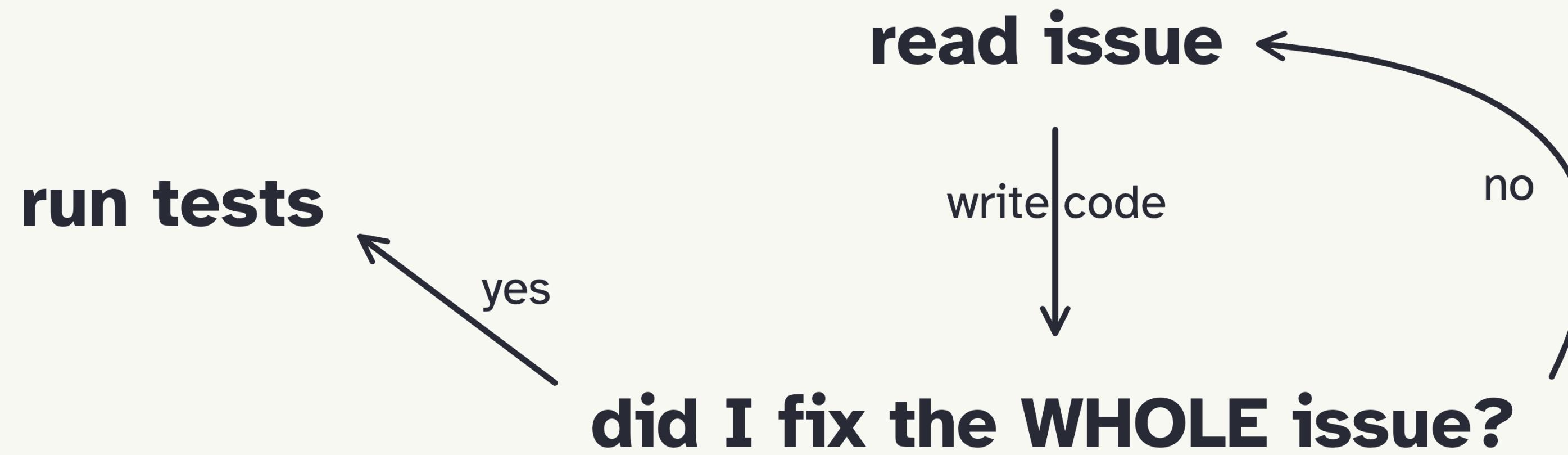
**read issue**

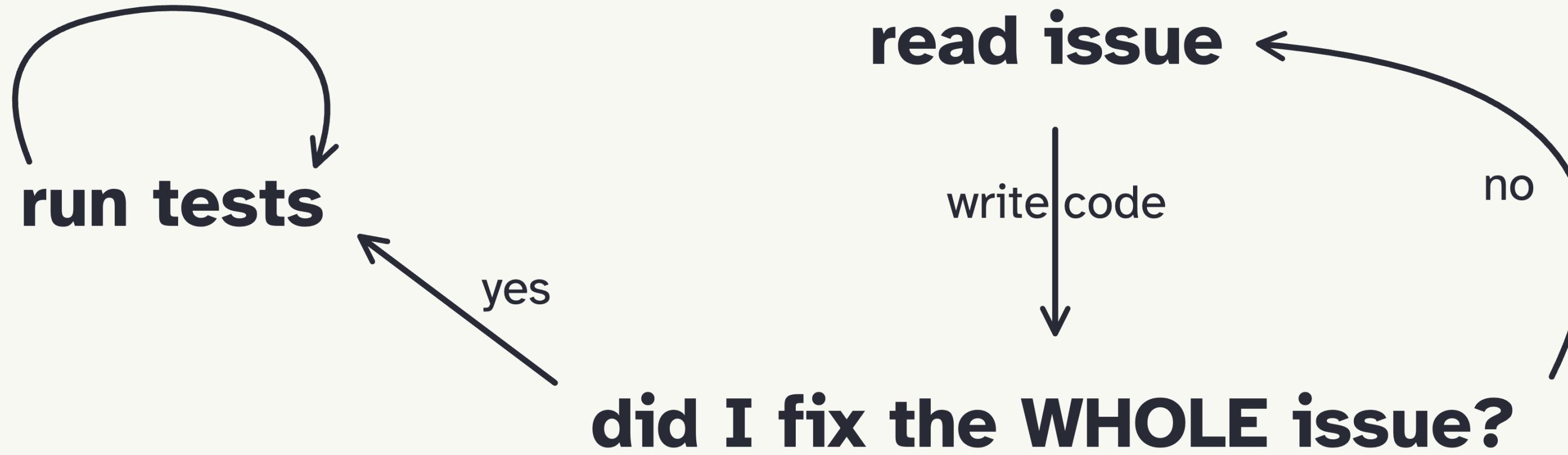


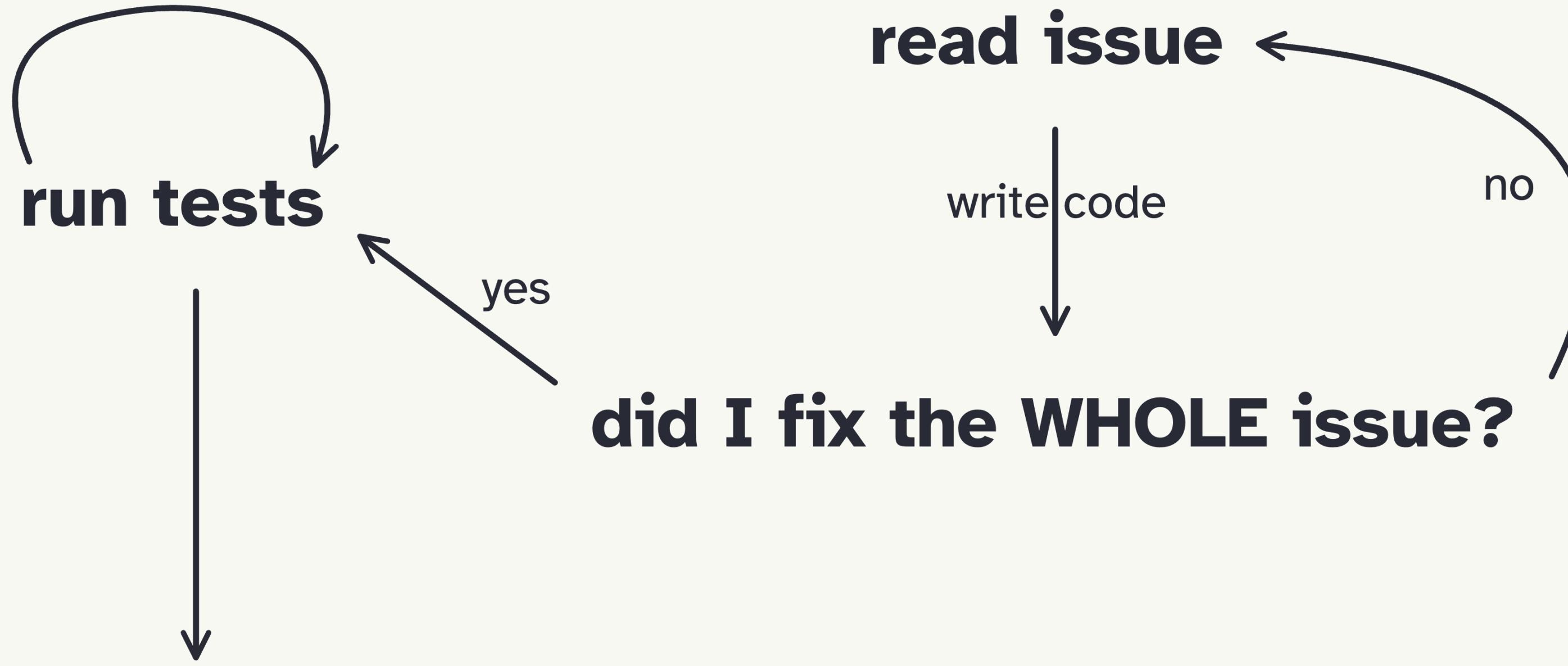
**did I fix the WHOLE issue?**



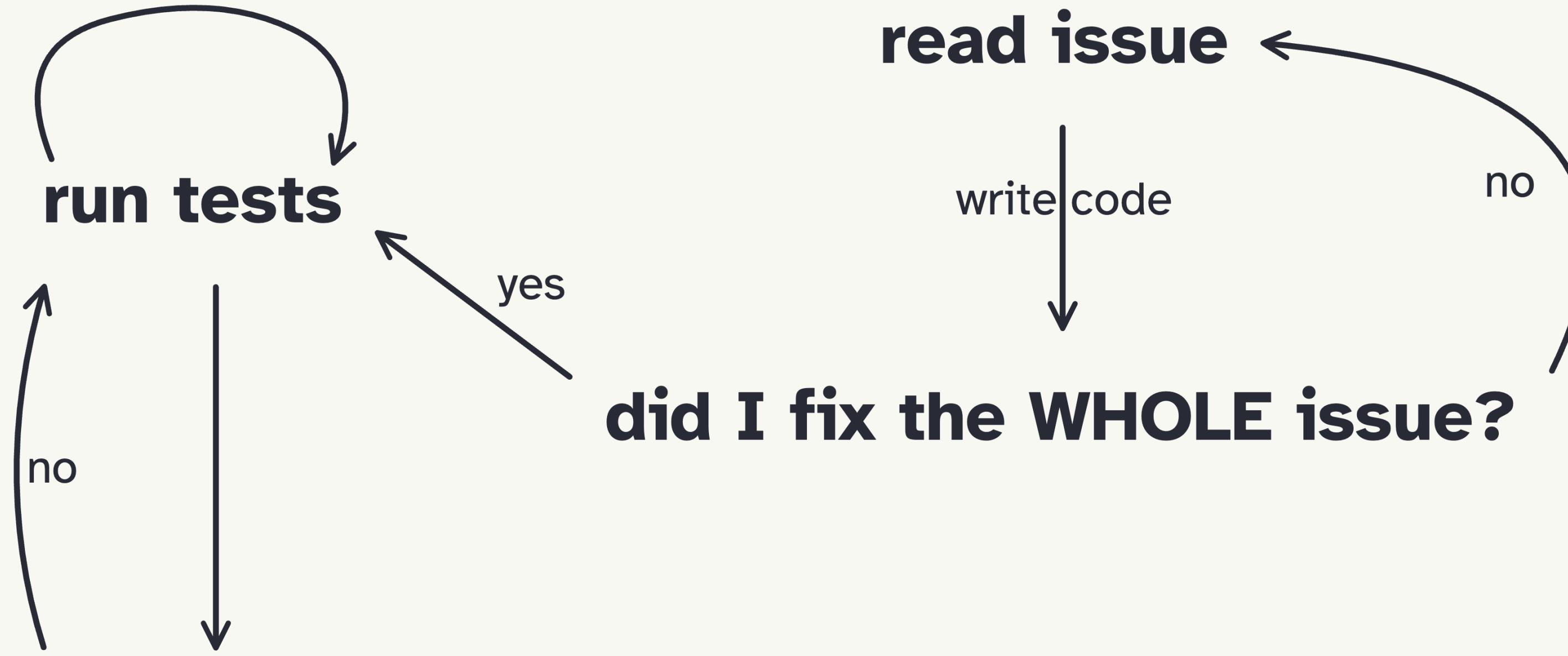
**did I fix the WHOLE issue?**



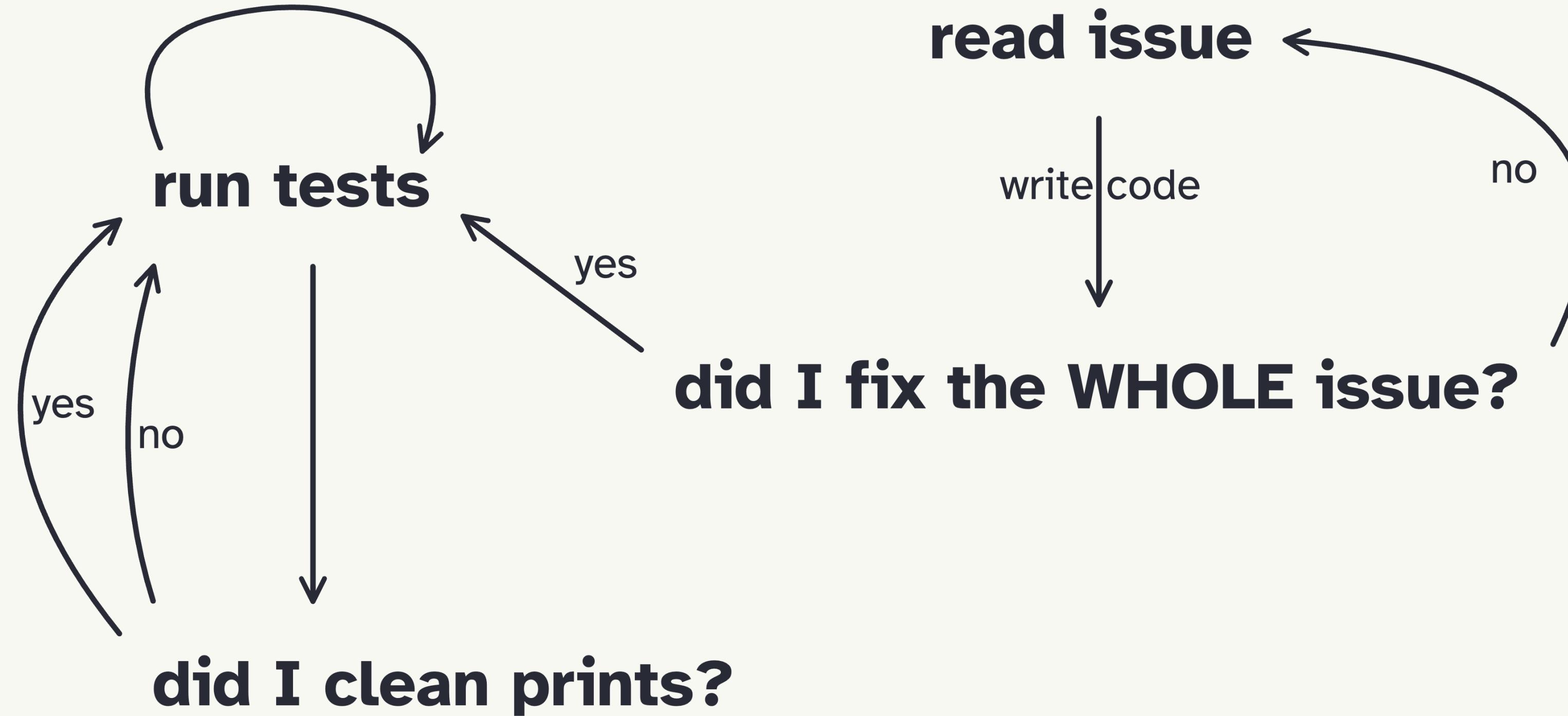


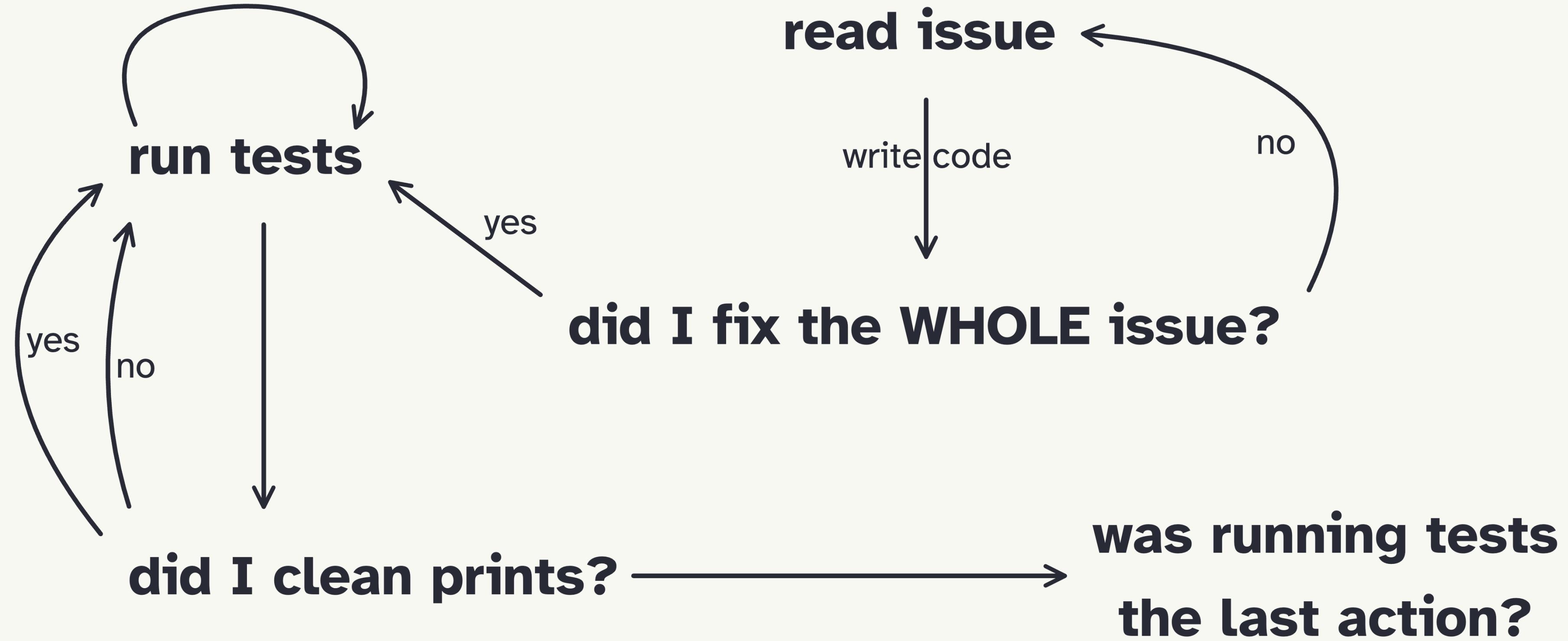


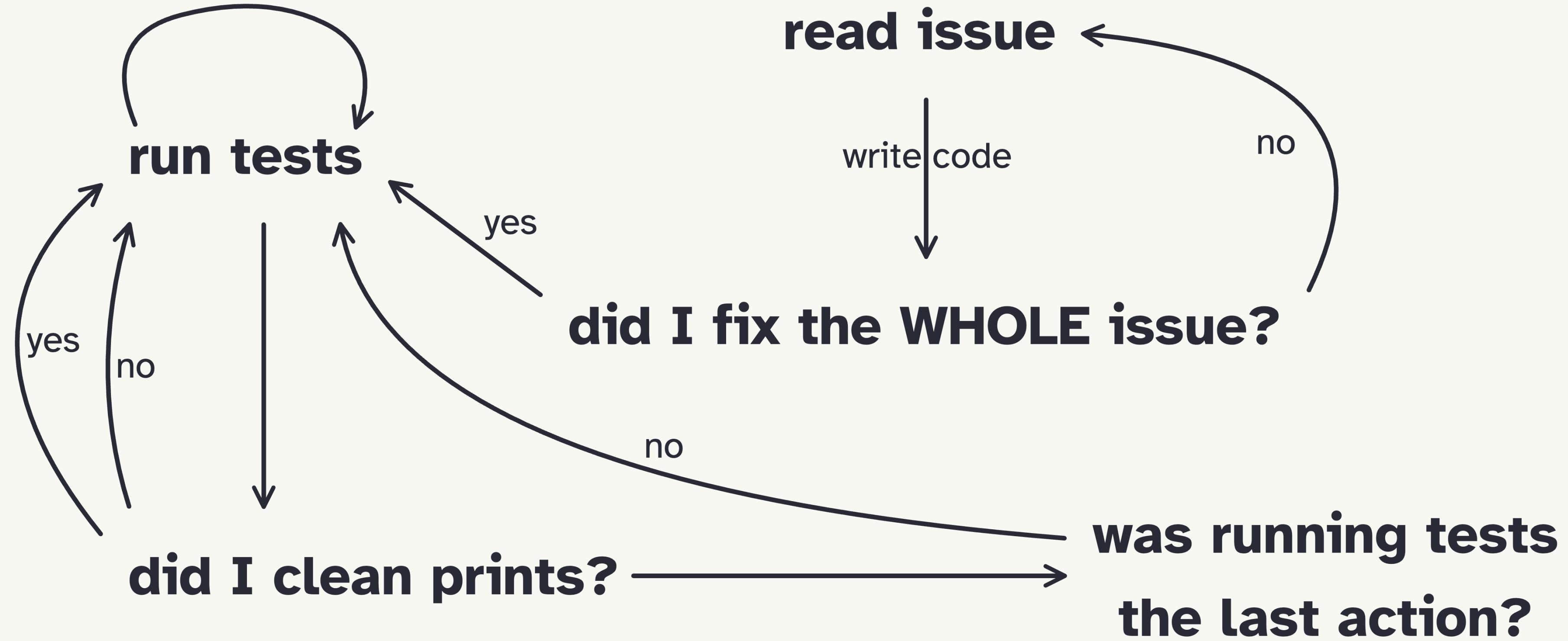
**did I clean prints?**

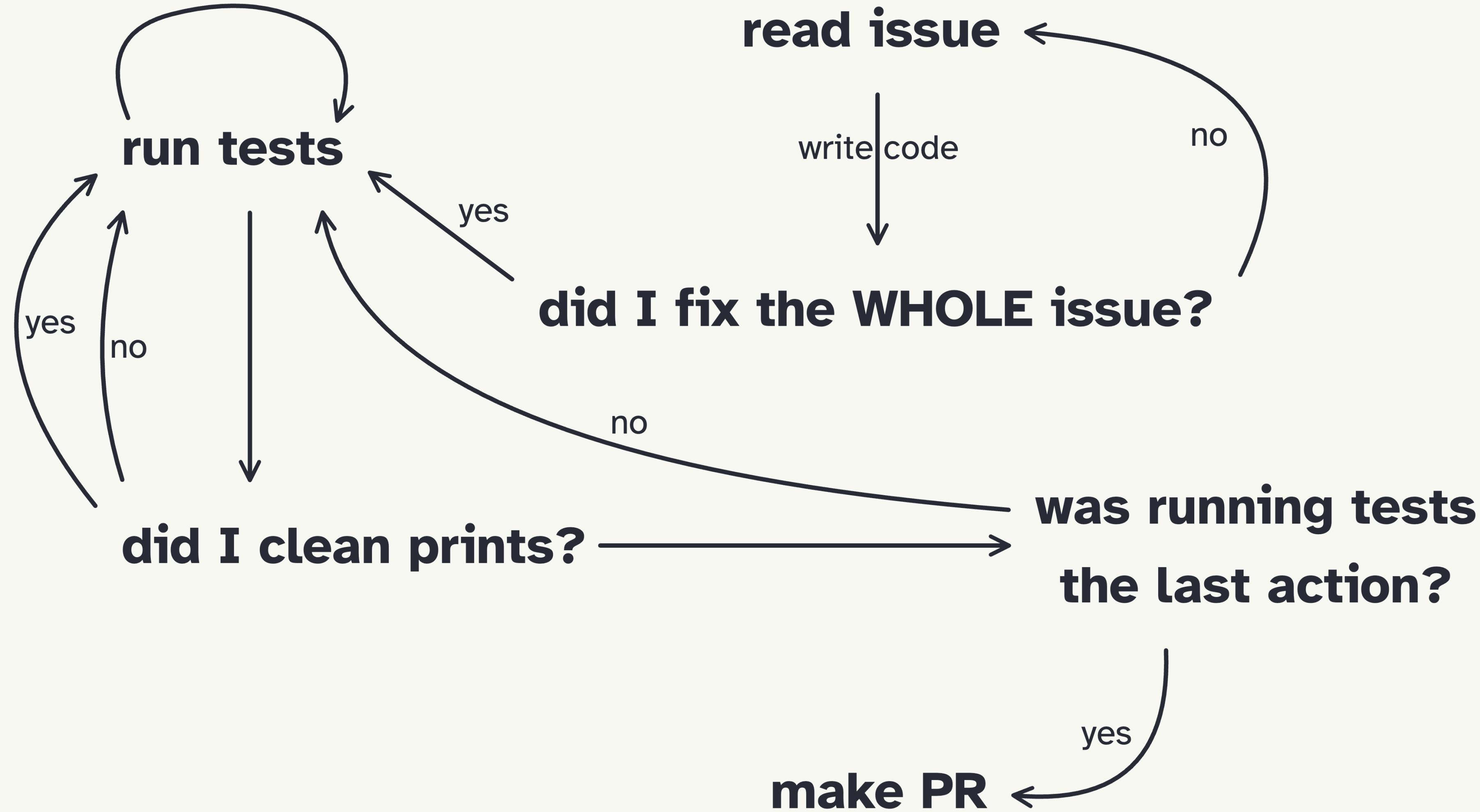


**did I clean prints?**









# **LESSONS LEARNED**

1. Everything you do online is a banner;

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2. Be open to learning;

1. Everything you do online is a banner;
2. Be open to learning;
3. Be kind (& add contributing guide!!!);

1. Everything you do online is a banner;
2. Be open to learning;
3. Be kind (& add contributing guide!!!); and
4. RUN THE TESTS.



Rodrigo 🐍🚀

rodrigo@mathspp.com

- Corporate training
- Online courses/webinars
- Gelato
- Books

