This error (error: src refspec main does not match any) occurs when Git can't find a local branch named main to push to the remote. Here's how to fix it:

**Why This Happens**

1. Your local branch is named master, but you're trying to push to main.
2. The main branch doesn’t exist locally.
3. Typos in the branch name (e.g., orign instead of origin).

**How to Fix It**

**1. Check Your Local Branches**

bash

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git branch

* If you see master instead of main, your default branch is still master.

**2. Push to the Correct Branch**

* If your local branch is master:

bash

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git push origin master # Push 'master' instead of 'main'

* If you want to rename master to main:

bash

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git branch -m master main # Rename locally

git push -u origin main # Push the renamed branch

**3. Create**main**if It Doesn’t Exist**

If you **intend** to use main but it’s missing:

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git checkout -b main # Create and switch to 'main'

git push -u origin main # Push to remote

**4. Fix Typos**

* Correct orign → origin:

bash

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git push origin main

**Sync**main**and**master**(If Needed)**

If both branches exist but are out of sync:

bash

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git checkout main

git merge master # Bring changes from 'master' to 'main'

git push origin main # Update remote

**Prevent Future Issues**

* Set main as the default branch on GitHub:
  1. Go to **Repo Settings → Branches**.
  2. Change the default branch from master to main.
* Update your local clone:

bash

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git fetch origin

git checkout main

**Final Check**

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git branch -a # Verify local/remote branches

After this, git push origin main should work. Let me know if you need further help!