Defines a job named "deploy" that runs on Ubuntu 22.04. Jobs are the main building

blocks of workflows.

```
steps:
    - name: ② Check Out Source Repository
    uses: actions/checkout@v3.5.1
    with:
        submodules: true # Fetch Hugo themes (true OR recursive)
        fetch-depth: 0 # Fetch all history for .GitInfo and .Lastmod
```

First step checks out the repository code:

- Uses the checkout action version 3.5.1
- Includes submodules (important for Hugo themes)
- Fetches complete git history for Hugo's information features

```
yaml

- name: % Initialize Hugo Environment
  uses: peaceiris/actions-hugo@v2.6.0
  with:
    hugo-version: "0.123.4"
    extended: true
```

## Sets up Hugo:

- Uses the peaceiris Hugo action version 2.6.0
- Installs Hugo version 0.123.4
- Uses Hugo Extended version which includes additional features like SCSS processing

```
yaml
- name: t Compile Hugo Static Files
run: hugo -D --gc --minify
```

## Builds the Hugo site:

- D includes draft content
- --gc runs garbage collection during build
- —minify reduces file sizes by removing unnecessary whitespace and comments

```
- name: ** Publish to GitHub Pages
uses: peaceiris/actions-gh-pages@v3.9.3
with:
    github_token: ${{ secrets.GITHUB_TOKEN }}
    publish_branch: gh-pages
    user_name: "github-actions[bot]"
    user_email: "github-actions[bot]@users.noreply.github.com"
```

## Deploys the built site to GitHub Pages:

- Uses the peaceiris GitHub Pages action version 3.9.3
- Uses automatic GitHub token for authentication
- Publishes to the gh-pages branch
- Sets commit author information to the GitHub Actions bot

```
yaml
## NOTE: uncomment below if using a custom domain
## cname: mydomain.com
```

Commented configuration for setting up a custom domain for the GitHub Pages site.



