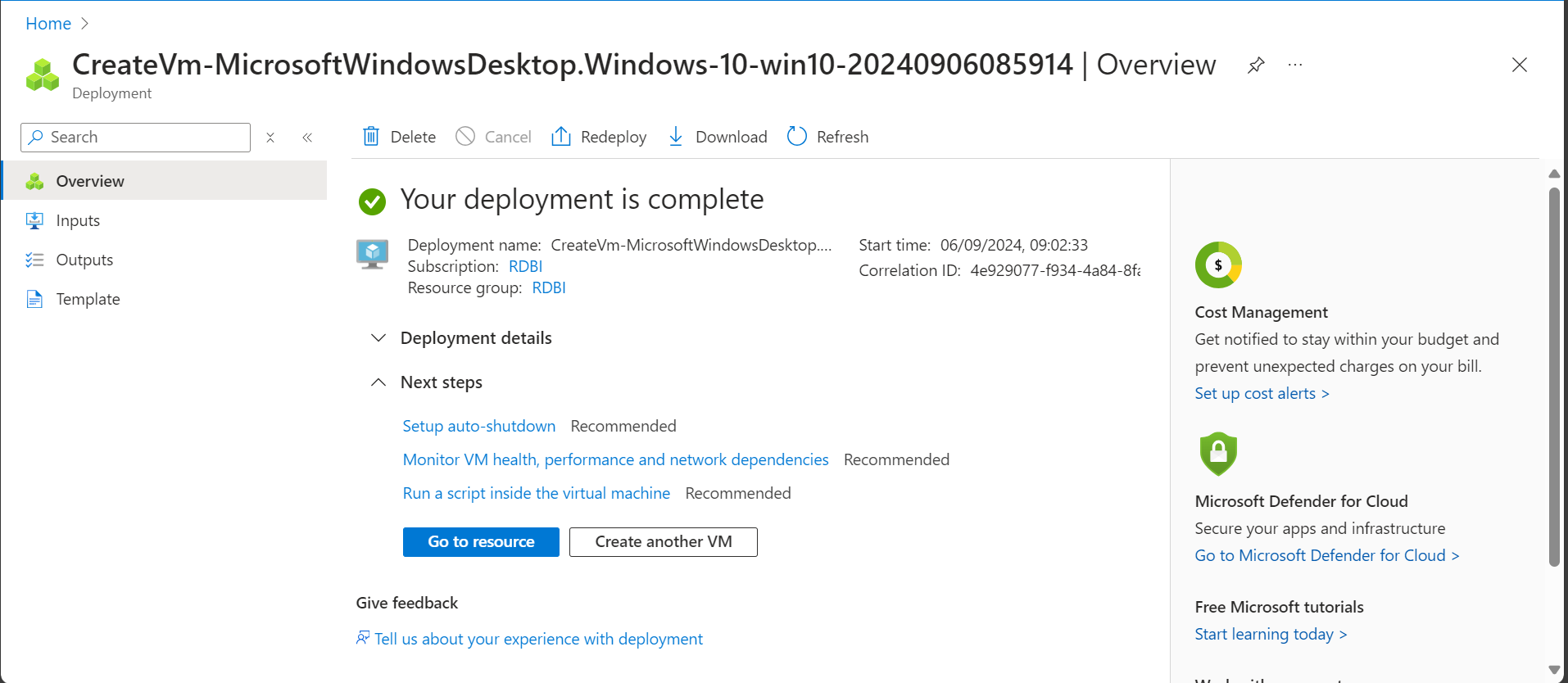
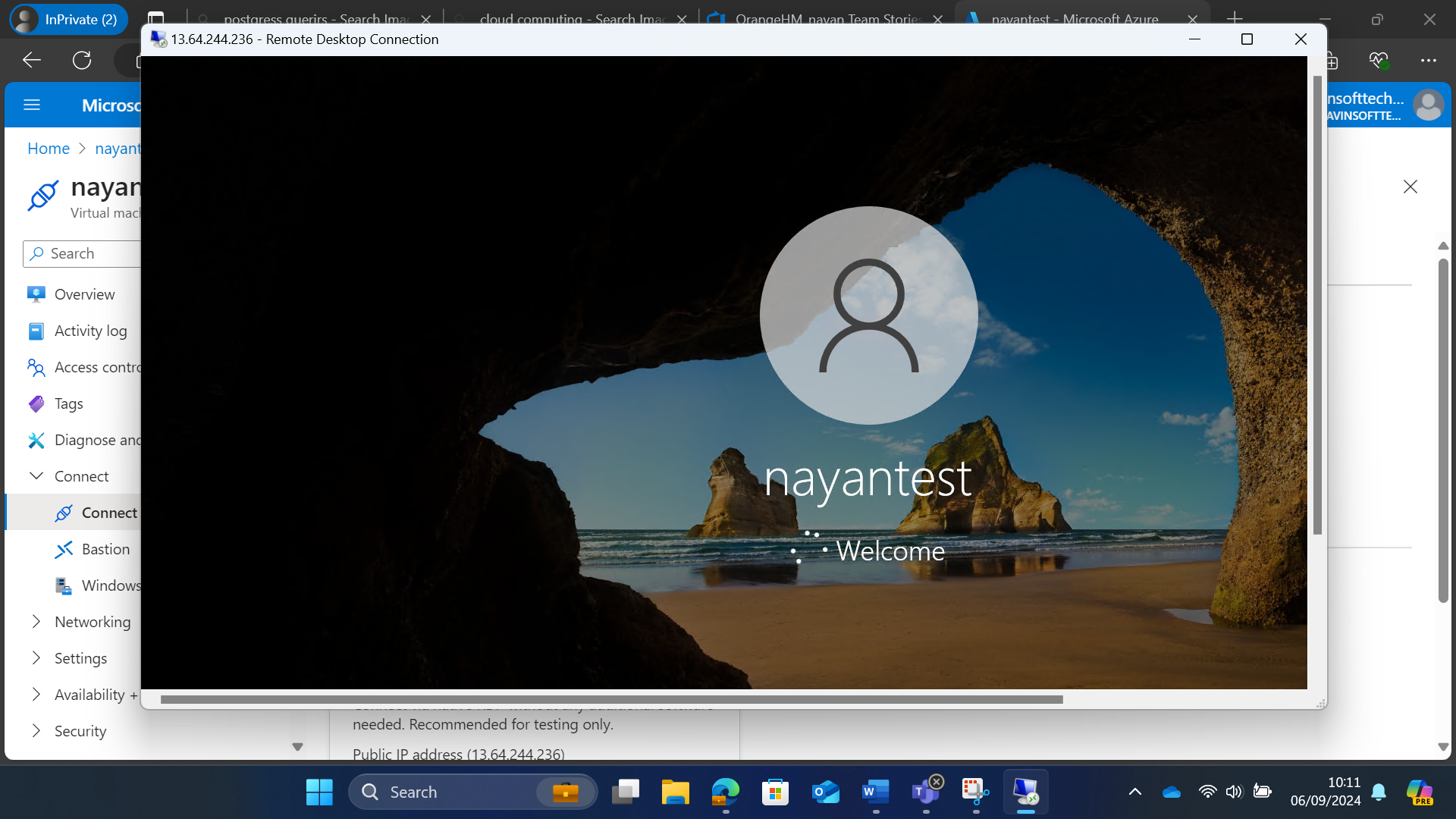
**TASK - 1**

Virtual Machine Creation

A screenshot of a computer

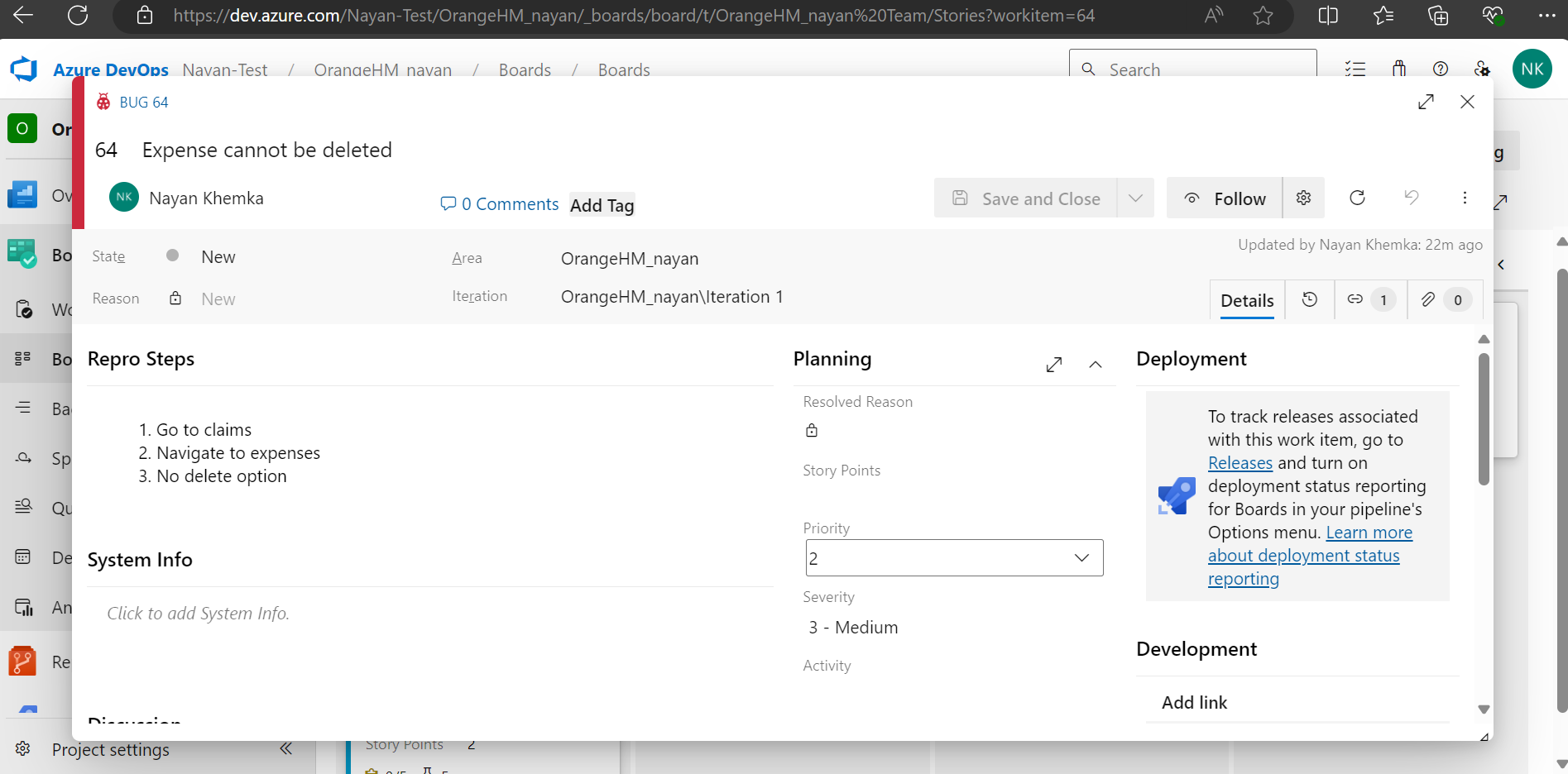
Description automatically generated





A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Bugs:

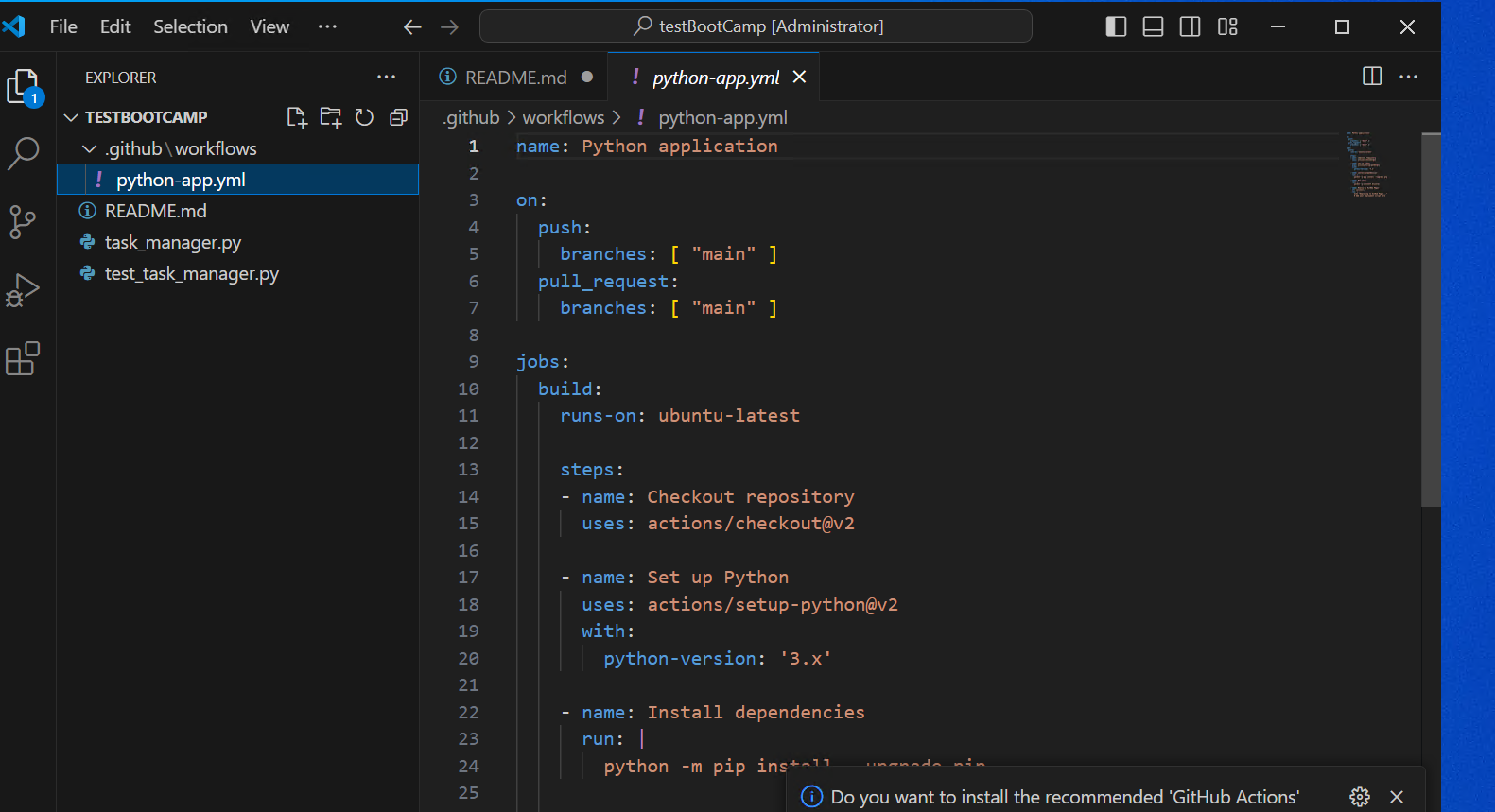
A screenshot of a computer

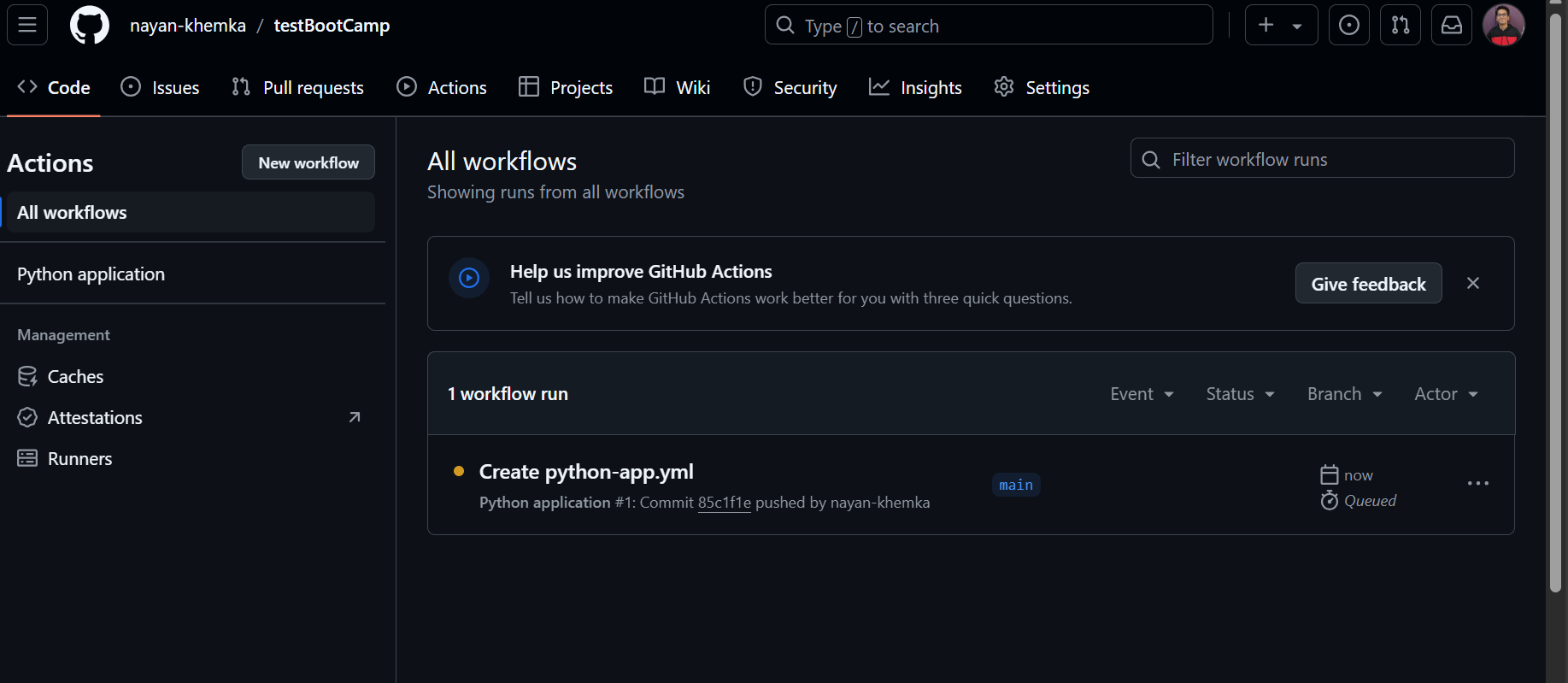
Description automatically generated

**TASK - 2**

The YAML file defines a **GitHub Actions workflow** for a Python application.

1. **Triggers**: The workflow runs on pushes and pull requests to the main branch.
2. **Job**: It has a single job named build that runs on the latest Ubuntu environment.
3. **Steps**:
   * **Checkout repository**: Uses the actions/checkout@v2 action to clone the repository.
   * **Set up Python**: Uses the actions/setup-python@v2 action to set up Python 3.x.
   * **Install dependencies**: Upgrades pip and installs dependencies.
   * **Run tests**: Runs unit tests using unittest.
   * **Deploy to GitHub Pages**: If all previous steps succeed, it deploys the application to GitHub Pages





A screenshot of a computer

Description automatically generated

1. **test\_add\_task**: Verifies that a task can be added to the task list.
2. **test\_add\_empty\_task\_raises\_error**: Ensures that adding an empty task raises a ValueError.
3. **test\_add\_non\_string\_task\_raises\_error**: Ensures that adding a non-string task raises a ValueError.
4. **test\_view\_tasks**: Checks that all added tasks are correctly returned by the view\_tasks method.
5. **test\_delete\_task**: Verifies that a task can be deleted from the task list.
6. **test\_delete\_non\_existent\_task\_raises\_error**: Ensures that trying to delete a non-existent task raises a ValueError.
7. **test\_add\_multiple\_tasks**: Verifies that multiple tasks can be added and viewed correctly.
8. **test\_delete\_multiple\_tasks**: Ensures that multiple tasks can be deleted correctly.
9. **test\_view\_empty\_tasks**: Checks that viewing tasks when the list is empty returns an empty list.
10. **test\_delete\_task\_from\_empty\_list\_raises\_error**: Ensures that trying to delete a task from an empty list raises a ValueError.

A black and white screen

Description automatically generated with medium confidence

[testBootCamp/.github/workflows/python-app.yml at main · nayan-khemka/testBootCamp](https://github.com/nayan-khemka/testBootCamp)