



```
uses: actions/checkout@v4
```

Copy

```
- name: Run tests
  run: npm test
```

5. Expressions - Dynamic values using `${{ }}` syntax:

yaml

Copy

```
run: echo "Branch name is ${ github.ref }"
```

6. Conditions - Control execution with `if` statements:

yaml

Copy

```
if: github.ref == 'refs/heads/main'
```

7. Matrix strategies - Run jobs with multiple variations:

yaml

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```
strategy:
  matrix:
    node: [14, 16, 18]
```

The guide I've created contains much more detail about these elements and advanced features like reusable workflows, permissions, and workflow commands.

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Claude can make mistakes. Please double-check responses.

JC

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