

# Compiling and running Cairo files

Compile Cairo to Sierra:

```
cargo run --bin cairo-compile -- --single-file /path/to/input.cairo /path/to/output.sierra --replace-ids
```

Compile Sierra to casm (Cairo assembly):

```
cargo run --bin sierra-compile -- /path/to/input.sierra /path/to/output.casm
```

Run Cairo code directly:

```
cargo run --bin cairo-run -- --single-file /path/to/file.cairo
```

For more information, see [here](#) .

You can also find Cairo examples in the [examples](#) directory within the main Cairo repository.

For running tests specifically, see [here](#) .

[Prerequisites Compiling Starknet contracts](#)