# How to Setup a Typescript Project for Jest

**Setup:** To setup your environment for testing, follow these steps:

1. npm init -y
2. npm install --save-dev jest @types/jest ts-jest
3. npx tsc –init (if this fails make sure you have Typescript installed globally npm install -g typescript)
4. npx ts-jest config:init
5. Update package.json: "scripts": { "test": "jest" }. If you already have ‘test’ in the scripts section then just replace what’s there with jest.
6. When ready, run npm test to run test cases.

If you do not plan to use jest tests, just perform steps 1 and 3.