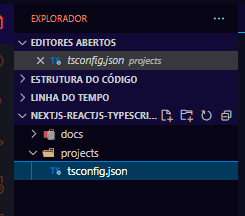
**TypeScript, ReactJs e NextJs**

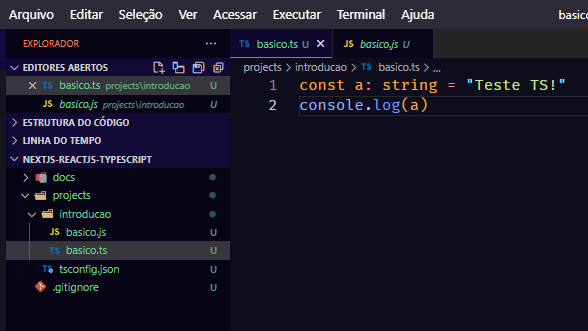
**TypeScript:**

npm i -g typescript  
tsc -v: terminal mostra versão do ts

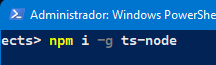
tsc –init

Cria o arquivo de configuração do TypeScript:  


Criando o arquivo basico.ts e executando: tsc basico.ts no terminal, ele criará um basico.js, fazendo a conversão de TS em JS.



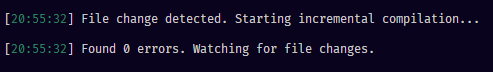
Usando Code Runner para rodar TS, primeiro instale a extensão Code Runner,

Depois instale a dependência ts-node.  


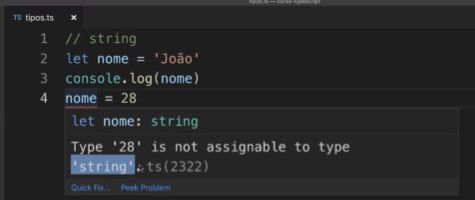
Usando TS no browser:



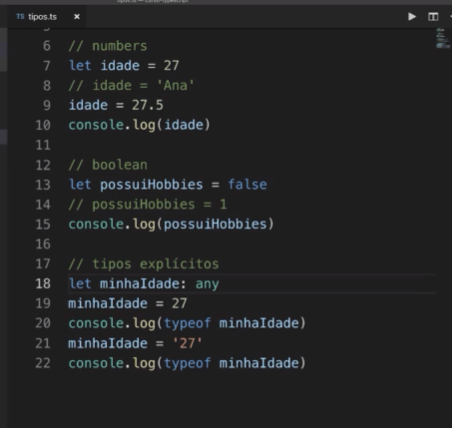
Abra a página html com o live-server (npm start)  
e passe o comando tsc -w (tsc -watch)  
as alterações feitas no arquivo basico.ts será convertidas imediatamente no arquivo basico.js.

tsc -w:  


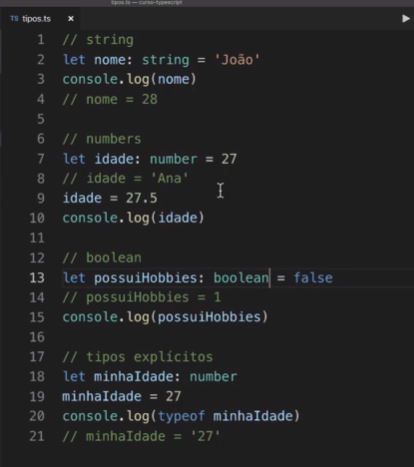
Tipos em TS:



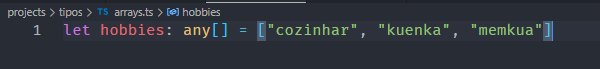
Any: qualquer tipo



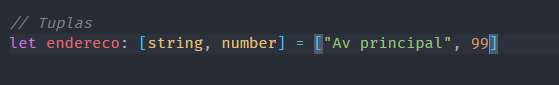
TS TIPOS EXPLÍTICOS:



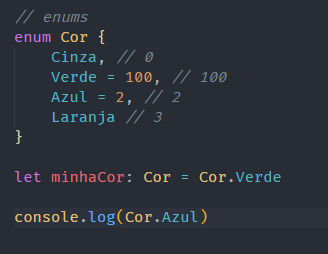
Arrays:



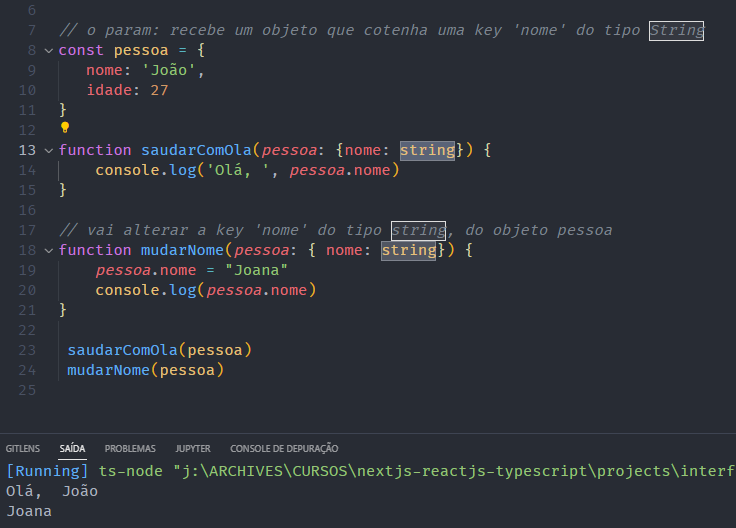
Tuplas:

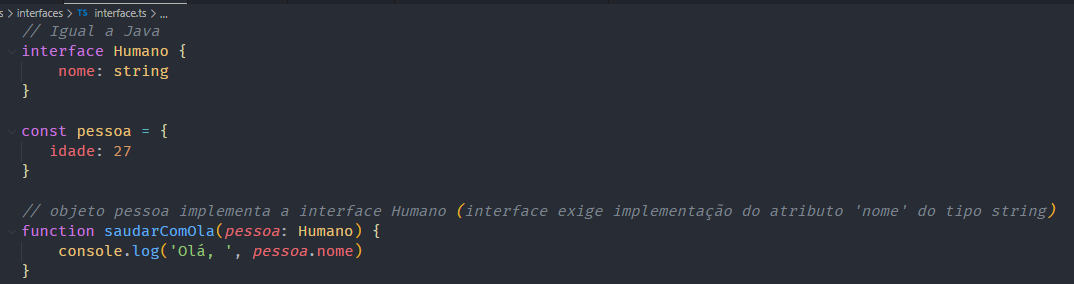


Enums:

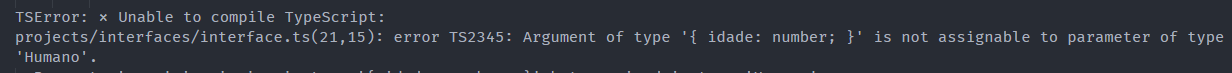


Interfaces:

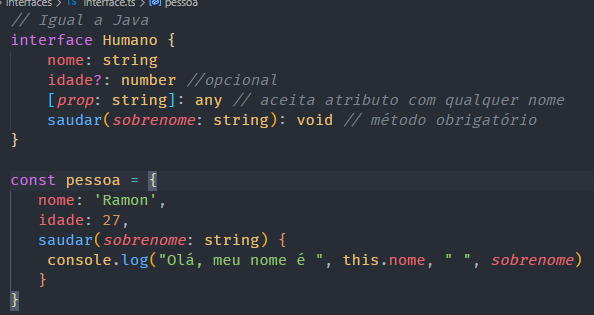


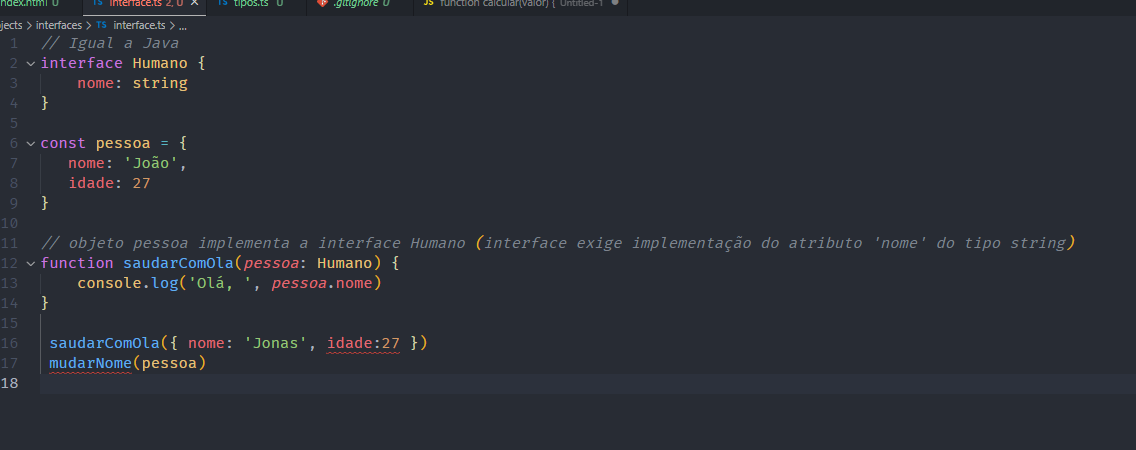


Se não implementar o atributo ‘nome’:



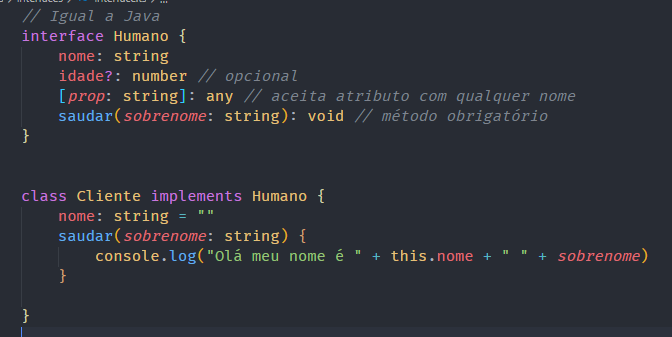
Método obrigatório de interface:

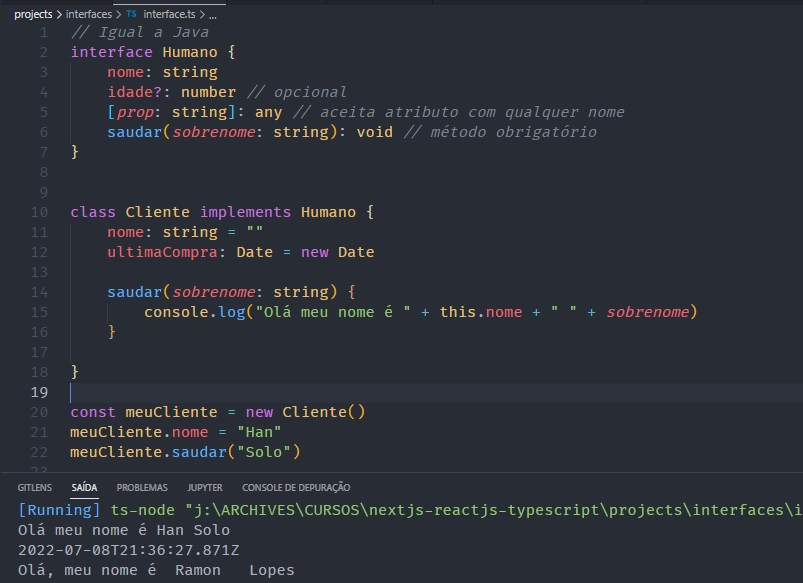


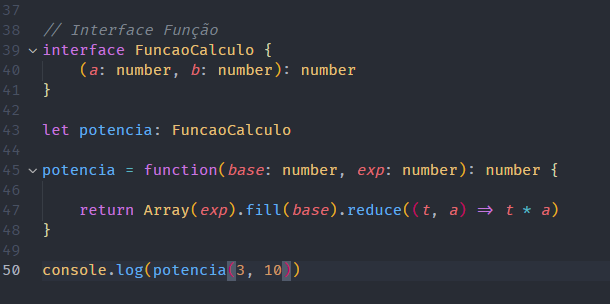
Caso tente passar um objeto que não tenha exatamente os mesmos atributos da interface Humano:  


No caso acima, o atributo idade não existe na interface humano, logo não compila.

Class implements Interface:



Composição (tem um), usando Objeto Date como exemplo:  




**ReactJS e NextJS**

Composição

Obs: para retirar error no NextJS

208

Create file called .babelrc in your root directory and add this code:



{

"presets": ["next/babel"],

"plugins": []

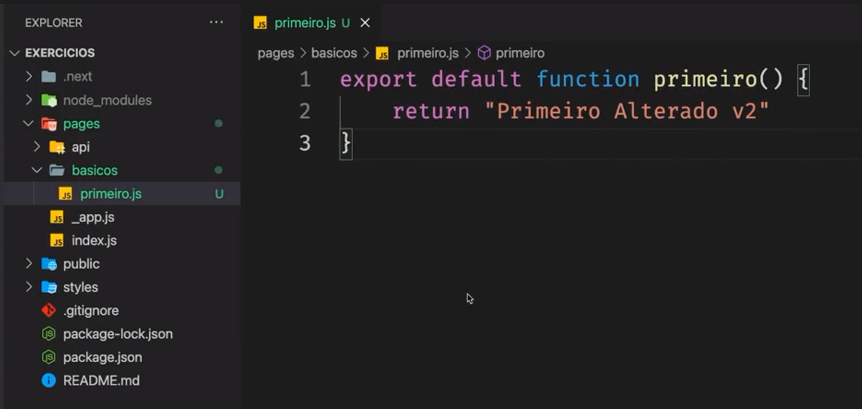
}

And in .eslintrc, replace the existing code with:

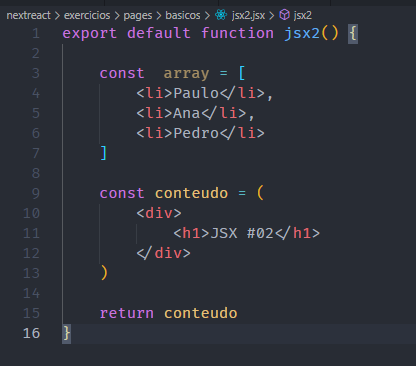
{

"extends": ["next/babel","next/core-web-vitals"]

}



create-next-app exercícios  
npm run dev  
localhost:3000/basicos/primeiro  
obs: não precisa mais importar o React

Sintaxes:  




Criar lista de spans, ex:  
