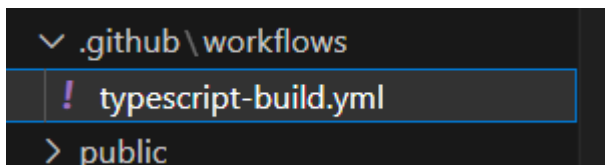# Relatório exercício 1

Criando o repositório e fazendo o primeiro commit nele:

```
PS C:\Users\Eduardo\Desktop\ex1_CI> git clone https://github.com/rickEDU/GitHubActions_ex1
Cloning into 'GitHubActions_ex1'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
PS C:\Users\Eduardo\Desktop\ex1_CI> git add .
fatal: not a git repository (or any of the parent directories): .git
PS C:\Users\Eduardo\Desktop\ex1_CI> cd .\GitHubActions_ex1\
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git commit -m "primeiro commit"
[main 88cb51f] primeiro commit
 9 files changed, 1091 insertions(+), 1 deletion(-)
 create mode 100644 .env
 create mode 100644 .gitignore
 create mode 100644 package.json
 create mode 100644 public/index.html
 create mode 100644 src/routes/routes.ts
 create mode 100644 src/server.ts
 create mode 100644 tsconfig.json
 create mode 100644 yarn.lock
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git push
```

criei o arquivo de workflow:

```
∨ .github \ workflows
    !  typescript-build.yml
> public
```

Em seguida preenchi ele com os comando abaixo:

```yaml
name: TypeScript Build

on:
  push:
    branches:
      - '*'

jobs:
  build:
    runs-on: ubuntu-latest

    steps:
      - name: Checkout code
        uses: actions/checkout@v2

      - name: Set up Node.js
        uses: actions/setup-node@v2
        with:
          node-version: '14'

      - name: Install dependencies
        run: npm install

      - name: Build TypeScript
        run: npm run build
```

Subi as mudanças para o repositório remoto:

```
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git add .
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git commit -m "workflow correção"
[main 61d37ca] workflow correção
 1 file changed, 25 insertions(+)
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 601 bytes | 601.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/rickEDU/GitHubActions_ex1
   85d49b2..61d37ca  main -> main
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1>
```

troquei o conteúdo do routes:

```typescript
import { Router, Request, Response } from 'express';
import Express from 'express';
import path from 'path';

const router = Router();
router.use(Express.json());
router.use(Express.urlencoded({ extended: true }));

// SIMULANDO UM BANCO DE DADOS
let tarefas = [
    { id: 1, descricao: "Tarefa 1", }, { id: 2, descricao: "Tarefa 2", },
];

// ----- ROTAS ------
router.get('/', (req: path, res: Response) => {
    res.sendFile(path.join(__dirname, '../../public', 'index.html'));
});

router.get('/todo', (req: Request, res: Response) => {

    try {
        // SIMULANDO UMA CONSULTA NO BANCO DE DADOS
        const resultado = tarefas;

        // RESPOSTA COM OS DADOS
        res.status(200).send(resultado);
    } catch (error) {
        res.status(400).send({ erro: error })
    }
});
```

Subi as mudanças para o repositório remoto:

```
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git add .
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git commit -m "workflow correção"
[main 61d37ca] workflow correção
 1 file changed, 25 insertions(+)
PS C:\Users\Eduardo\Desktop\ex1_CI\GitHubActions_ex1> git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 601 bytes | 601.00 KiB/s, done.
Compressing objects: 100% (4/4), done.
```

Como tem um erro de tipagem no código o log a ação foi a seguinte:

Resultado do commit com a correção da tipagem: