

Práctica Mesa VI - Samuel Pérez

En la mesa de trabajos realizamos la siguiente consigna en la máquina virtual creada:

- **¿Qué tipo de ejecución (compilado, interpretado, etc) tiene el lenguaje?**

TypeScript es un lenguaje de programación de tipo estático que se utiliza principalmente para el desarrollo de aplicaciones de front-end y back-end en JavaScript.

Erlang se utiliza principalmente para el desarrollo de sistemas distribuidos, concurrentes y tolerantes a fallos en tiempo real.

- **¿Para qué tipo de desarrollo se utiliza normalmente el lenguaje?**

TypeScript: Lenguaje de alto nivel

Erlang: Lenguaje de bajo nivel

- **¿Con que ide o editor de texto puede utilizar el lenguaje? Nombre de una librería o framework famoso del mismo.**

TypeScript: Visual Studio Code

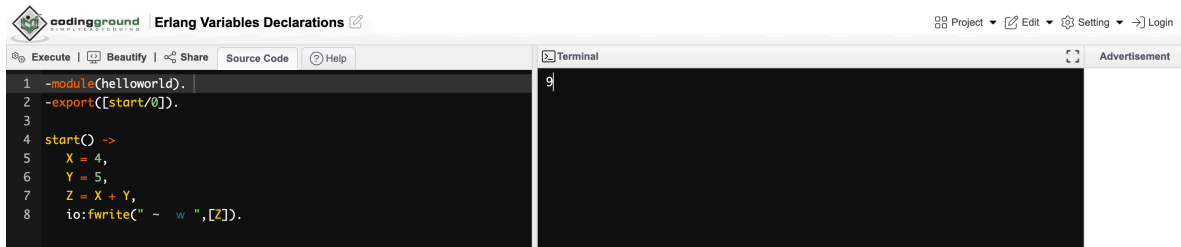
Erlang: Terminal

- **Operación matemática.**

TypeScript:



Erlang:



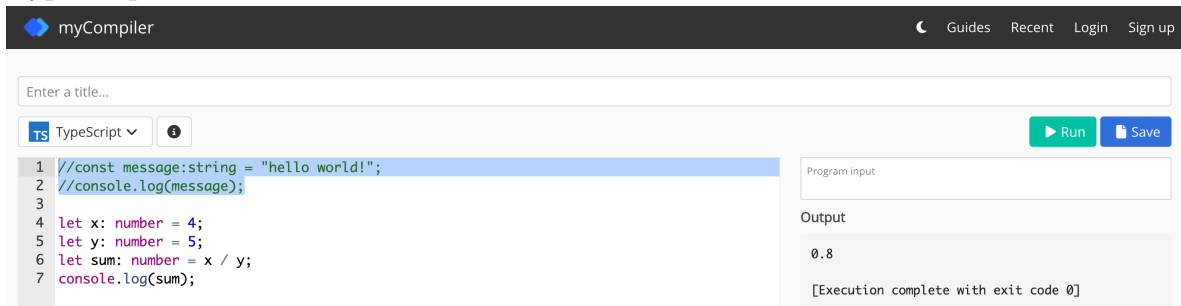
The screenshot shows the codingground IDE interface. The top bar includes the codingground logo, the title "Erlang Variables Declarations", and navigation links for Project, Edit, Setting, and Login. Below the top bar is a menu with Execute, Beautify, Share, Source Code, and Help. The main editor area contains the following Erlang code:

```
1 -module(helloworld).
2 -export([start/0]).
3
4 start() ->
5   X = 4,
6   Y = 5,
7   Z = X + Y,
8   io:fwrite(" ~ w ", [Z]).
```

The terminal on the right shows the output of the code execution, which is the number 9.

*** Opcional ***

TypeScript:

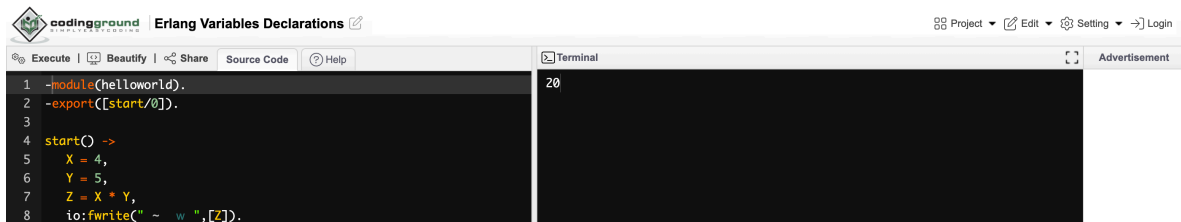


The screenshot shows the myCompiler website interface. The top bar includes the myCompiler logo and navigation links for Guides, Recent, Login, and Sign up. Below the top bar is a search bar with the text "Enter a title...". The main editor area contains the following TypeScript code:

```
1 //const message:string = "hello world!";
2 //console.log(message);
3
4 let x: number = 4;
5 let y: number = 5;
6 let sum: number = x / y;
7 console.log(sum);
```

The right side of the editor shows the "Program input" field and the "Output" section. The output section displays the result of the code execution, which is 0.8, and a message indicating that the execution was complete with exit code 0.

Erlang:



The screenshot shows the codingground IDE interface, similar to the first screenshot. The top bar includes the codingground logo, the title "Erlang Variables Declarations", and navigation links for Project, Edit, Setting, and Login. Below the top bar is a menu with Execute, Beautify, Share, Source Code, and Help. The main editor area contains the following Erlang code:

```
1 -module(helloworld).
2 -export([start/0]).
3
4 start() ->
5   X = 4,
6   Y = 5,
7   Z = X * Y,
8   io:fwrite(" ~ w ", [Z]).
```

The terminal on the right shows the output of the code execution, which is the number 20.