function showTicket(user:string, ticket:number){

    console.log(`óla ${user}. seu número de bilhete é ${ticket}`)

}

showTicket("eliton", 123)

let user = 'eliton';

user = "joão";

let loading: boolean;

loading = false;

let email: string;

email = 'elitonlima@gmail'

email = 12121

let price: number;

price = 10.50;

price = 10;

let numbers: number[];

numbers = [1,2,3,];

let users: Array<string>;

users = ['eliton', 'joão']

function showMessages(message:string) {

    console.log(message)

}

showMessages('ola')

function showMessage(messag:string) {

 return messag;

}

console.log(showMessage('ola'))

function printUserID(id:number | string){

    console.log(`o ID do usuário é:${id}`);

}

printUserID("mundo");

/\*\*

 \* S => state

 \* T => TYPE

 \* K => KEY

 \* V => Value

 \* E => ELEMENT

 \*/

function useState<T>(){

    let state: number |string;

    function get(){

        return state;

    }

    function set(newValue: number |string){

        state = newValue;

    }

    // está retornando duas funções

    return{ get ,set}

}

let newState = useState();

newState.get();

newState.set(123)

newState.set('eliton')

type IdType = string | number | undefined;

let userId: IdType;

let adminId: IdType;

userId = 1

adminId = "joão"

type UserResponse = {

    id:number;

    name: string;

    avatar:string;

}

let userResponse = {} as UserResponse;

userResponse.

type Point = {

    x: number;

    y: number;

}

function printCoord(points: Point) {

    console.log(`o eixo x é${points.x}`)

     console.log(`o eixo  é${points.y}`)

}

printCoord({x:101 , y:50} );

type User = {

    name: string;

    email: string;

    age: number;

    isAdmin?: boolean;

}

const newUser: User = {

    name:'eliton',

    email:'elitonlima@',

    age:38

}

type Person ={

    id: number ;

    name: string;

}

type Char = {

    nickname:string;

    level: number;

}

type PlayerInfo = Person & Char;

let info:PlayerInfo = {

    id: 1,

    name: 'eliton',

    nickname:'lima',

    level:10

}