Singleton Pattern

Returns only single object when required without creating new object even if called multiple times.

This is mainly used when we want to make sure only single/existing object is returned even if called multiple times

let singletonPattern = function(){

    let getObject = function(){

        console.log("singleton method!!")

        return true;

    }

    // having private variable in function so that it can be hold getObject instance

    let object;

    return{

        getMyObject : function(){

            // check if object already exists. Create new object only

            // if there is no existing object.

            if (!object){

                object = getObject();

                return  object;

            }

            return object;

       }

    }

};

let sp = new singletonPattern();

//even if we create multiple objects it will return single object

// and it will print 'singleton method' only once.

let objectA = sp.getMyObject();

let objectB = sp.getMyObject();

// this will return true as both objects are same

console.log(objectA===objectB);