Task 1.

Implement service **userService** (factory), which contains the data about user (**currentUser**).

Service exposes method to setup current user (**setCurrentUser**) and to read and return current user (**getCurrentUser**)

Create module **service**. Add service to this module.

Create module **app** with controller **Simple**. Include the dependency - module **services**. Add **ng-app** directive to HTML. Show your service in console. Set the name of user - Vitaliy, get the name of user and show it in console.

Task 2.

Implement service **personService** (service) using constructor function

```
function Person() {}
Person.prototype.setName = function(name) {
        this.name = name;
};
Person.prototype.setAge = function(age) {
        this.age = age;
};
Person.prototype.getName = function() {
        return this.name;
};
Person.prototype.getAge = function() {
        return this.age;
};
```
Show this service in console in the controller **Simple**. Set the age 16, get the age and show it in console.

Task 3.

Implement configurable service **userGreetingService** (provider) to greet user.

Default behavior of this service is to greet user with string "**Hi, user**" in console. Use method **greet(user)**.

Implement method **configGreeting** to setup the greeting phrase, for instance "Hello", "Good morning", ... If the parameter is empty, return the current greeting phrase.

Assign value "Hello" as a greeting phrase.

Greet user Vitaliy in **Simple** controller.

Task 4.

Implement constant services **defaultGreeting** = "Hi", **officialGreeting** = "Good morning" and use them to implement and configure service **userGreetingService**

Task 5.

Implement value service **userName** = "Vitaliy". Use it in **Simple** controller.

Task 6.

Using service **$provide** decorate service **userService** with decoration function **userServiceLog**. Decorated service has to show access time to its methods in console.