**ACTUAL CODING**

Arrow function = provide a short a concise function. Simplifies the this keyword.

Samples 1 long method

var getRegvalue = function() {

return 10;

}

Sample 2 used fatarrow.

const getArrowvalue = () => 10;

code structure of sample 2

const is declaration getArrowvalue is the constant name

parenthesis contains the parameter u can pass

Return keyword can be implicit

Const = Constant value. For declaration

TYPESCRIPT: tutorialspoint.com/typescript/index.htm

Fat Arrow notation => used for functions. Lambda function? Can be used to disregard the function keyword

=== The strict **equality** operator will compare both the value and type

Basic Type script

Var varnam:datatype = “value”

Var key word can be function or others. Can also be disregarded or not typed literally

The **then()** method returns a [Promise](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promise)

The **Promise** object represents the eventual completion (or failure) of an asynchronous operation and its resulting value.

Metadata – describes a given info

For mapping/ referencing

To import need to export first,

The **escape()** function computes a new string in which certain characters have been replaced by a hexadecimal escape sequence. This function was used mostly for URL queries

When a class or struct is created, its constructor is called. Constructors have the same name as the class or struct, and they usually initialize the data members of the new **object**. In the following example, a class named Taxi is defined by using a simple constructor.

The constructor for a React component is called before it is mounted. When implementing the constructor for a React.Component subclass, you should call super(props) before any other statement. Otherwise, this.props will be undefined in the constructor, which can lead to bugs.

Typically, in React constructors are only used for two purposes:

* Initializing [local state](https://reactjs.org/docs/state-and-lifecycle.html) by assigning an object to this.state.
* Binding [event handler](https://reactjs.org/docs/handling-events.html) methods to an instance.