**JavaScript Template Engine**

* To load dynamic data in html template
* Fast development experience
* Speedy code exe
* Active deployment
* We can use any variables, constant, loops etc into a html page by using engine
* There are some popular javascript template engine like   
  -> ejs   
  -> pug   
  -> express handlebars

**EJS template engine**

* Ejs stands for embedded javascript
* EJS is a simple templating language that lets you generate HTML markup with plain JavaScript

**Install EJS**

* To install ejs template   
  npm install ejs

**Express EJS Layouts**

* For maintaining layout system use express ejs layouts   
  npm install express-ejs-layouts

**ejs Language Support**

* You can code easily by using this VS code ext   
  Ejs language support

**ejs in express**

* To use ejs engine in express just set it now   
  app.set(“view engine” , ”ejs”);
* When your setup is done then the root for your engine folder name is views
* If you want to change views root folder  
   app.set(“views” , ”newName”);
* Now create your html file with ejs ext   
  Home.ejs

**Load ejs with routes**

* To load any ejs template just call render   
  router.get(‘/about, ( req, res ) => {  
   res.render(‘about’);  
  });
* Pass value with route   
  router.get(‘/about, ( req, res ) => {  
   res.render(‘about’, {  
   Key : value,   
   Key : value   
   });  
  });

**Ejs tags**

* <% 'Scriptlet' tag, for control-flow, no output
* <%\_ ‘Whitespace Slurping’ Scriptlet tag, strips all whitespace before it
* <%= Outputs the value into the template (HTML escaped)
* <%- Outputs the unescaped value into the template
* <%# Comment tag, no execution, no output
* <%% Outputs a literal '<%'
* %> Plain ending tag
* -%> Trim-mode ('newline slurp') tag, trims following newline
* \_%> ‘Whitespace Slurping’ ending tag, removes all whitespace after it

**Ejs variables**

* To declare a variables in ejs   
  <% const name = “Asraf”; %>
* To show this value   
  <%= name %>

**Express EJS Layout setup**

* For maintaining layout system use express ejs layouts
* First install express ejs layouts   
  npm install express-ejs-layouts
* Then you must need to create a layout file in views   
  layout.ejs
* Layout body set   
  <%- body %>
* Change layout root   
  app.set(“layout” , ”layouts path ”);

**Ejs javaScripts**

* For
* Foreach
* If
* Else
* Include
* Output