Web Pack Demo

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1. Install node
2. Check node version: **node –v**
3. Check npm version: **npm –v**
4. Let’s install Yarn (it is a package to work with webpack)
5. **npm install yarn –g**
6. move to that folder where you want to create webpack program
7. then create new directory: **mkdir webpack**
8. move to that folder: **cd webpack**
9. open this folder from VSC
10. open terminal to execute the command
11. you can change terminal from powershell to CMD to execute out commands
12. initialize Yarn: **npm init –y** (it will create package.json file in the webpack folder)
13. to pull webpack: **yarn add –dev webpack webpack-dev-server** (this will download webpack and webpack-dev-server packages)
14. you can check package.json file must be updated with the downloaded dependencies.
15. Include cli: **yarn add webpack webpack-cli –dev** (this will install webpack-cli package)
16. Again check package.json for dependencies updated
17. Edit package.json file and edit script

  "scripts": {

    "test": "echo \"Error: no test specified\" && exit 1",

    "build":"webpack"

  },

1. Let’s create src folder and inside that create one calculate.js file
2. Include below mentioned code

module.exports=

{

    sum: function(a,b){

        return a+b;

    },

    multiply: function(a,b){

        return a\*b;

    }

}

1. Create index.js file and include below mentioned code

var tools= require("./calculate");

var add= tools.sum(10,20);

var mul= tools.multiply(10,20);

console.log("Result of Addition "+add);

console.log("Result of Multiplication: "+mul);

1. Run the script from cmd: **npm run build** (this will create dist folder in your webpack)
2. Open dist folder and see you can see main.js file generated
3. This is compiled file of your js codes
4. If you want to run then
5. Move to the folder dist: **cd dist**
6. Execute this command: **node main.js**
7. You can see the output in console as below

