

1.What is Webpack?

- a) A JavaScript library b) A task runner
- c) A module bundler d) A CSS preprocessor

Answer: c) A module bundler

2.Which configuration file is used by Webpack?

- a) webpack.json b) webpack.config.js
- c) webpackrc d) webpackfile.js

Answer: b) webpack.config.js

3.What does Webpack use to load and bundle different types of modules?

- a) Babel b) Loaders
- c) Plugins d) Packages

Answer: b) Loaders

4.How do you install Webpack in a ReactJS project?

- a) npm install webpack b) npm install webpack-cli
- c) npm install webpack-dev-server d) npm install --global webpack

Answer: b) npm install webpack-cli

5.Which command is used to run Webpack in development mode?

- a) webpack build b) webpack start
- c) webpack dev d) webpack --mode development

Answer: d) webpack --mode development

6.Which plugin is used to create HTML files for your bundled JavaScript files?

- a) html-webpack-plugin b) webpack-html-plugin
- c) bundle-html-plugin d) webpack-html-loader

Answer: a) html-webpack-plugin

7.What is the purpose of loaders in Webpack?

- a) To transpile JavaScript code b) To bundle CSS files
- c) To optimize images d) All of the above

Answer: d) All of the above

8.Which webpack loader is commonly used for transpiling JavaScript code?

- a) babel-loader b) style-loader
- c) css-loader d) file-loader

Answer: a) babel-loader

9.How can you configure Webpack to handle CSS files?

- a) Use the css-loader and style-loader b) Use the file-loader
- c) Use the extract-text-webpack-plugin d) Use the sass-loader

Answer: a) Use the css-loader and style-loader

10.What is the purpose of the webpack-dev-server?

- a) To bundle the application for production
- b) To optimize the webpack configuration
- c) To provide a development server with live reloading
- d) To generate documentation for the project

Answer: c) To provide a development server with live reloading

11.What is code splitting in Webpack?

- a) Splitting the application code into multiple bundles
- b) Breaking down CSS into separate files
- c) Reducing the size of bundled images
- d) Optimizing JavaScript performance

Answer: a) Splitting the application code into multiple bundles

12.Which plugin is used for creating CSS files from bundled CSS code?

- a) css-webpack-plugin b) style-loader
- c) mini-css-extract-plugin d) extract-css-plugin

Answer: c) mini-css-extract-plugin

13.How can you enable hot module replacement (HMR) in Webpack?

- a) By adding the HMR plugin in the webpack configuration
- b) By using the --hot flag when running the webpack command
- c) By adding hot: true in the devServer section of the webpack configuration
- d) HMR is enabled by default in Webpack

Answer: c) By adding hot: true in the devServer section of the webpack configuration

14.What is the purpose of the resolve property in the webpack configuration?

- a) To specify the entry point of the application
- b) To specify the output directory for bundled files
- c) To resolve file extensions and module paths
- d) To configure the optimization options

Answer: c) To resolve file extensions and module paths

15.How can you optimize Webpack bundles for production?

- a) Use the --optimize flag when running the webpack command
- b) Configure the optimization options in the webpack configuration file
- c) Use the uglify-js plugin
- d) Webpack automatically optimizes bundles for production

Answer: b) Configure the optimization options in the webpack configuration file

16.Which plugin can be used to analyze the size of Webpack bundles?

- a) webpack-stats-plugin b) bundle-analyzer-plugin
- c) analyze-webpack-plugin d) webpack-bundle-analyzer

Answer: d) webpack-bundle-analyzer

17.What is the purpose of the publicPath property in the webpack configuration?

- a) To specify the public URL for accessing the bundled assets
- b) To specify the entry point of the application
- c) To configure the output directory for bundled files
- d) To optimize performance for slow networks

Answer: a) To specify the public URL for accessing the bundled assets

18.How can you configure Webpack to handle images and other static assets?

- a) Use the image-loader and asset-loader b) Use the url-loader and file-loader
- c) Use the static-assets-plugin d) Use the webpack-static-assets module

Answer: b) Use the url-loader and file-loader

19.What is the purpose of the splitChunks optimization option in Webpack?

- a) To split JavaScript code into multiple chunks b) To split CSS code into separate files
- c) To optimize image loading d) To handle code splitting for React components

Answer: a) To split JavaScript code into multiple chunks

20.How can you configure Webpack to use Babel for transpiling JSX code?

- a) Use the babel-loader and configure Babel in the webpack configuration
- b) Use the jsx-loader
- c) Use the babel-transform-jsx plugin
- d) Webpack automatically transpiles JSX code without additional configuration

Answer: a) Use the babel-loader and configure Babel in the webpack configuration