|  |  |  |  |
| --- | --- | --- | --- |
| **1** | JavaScript4  Next js getprops work on the server not on browser | Introduction | * No qualification required * Section based * Practice session * Home works * Guide * Projects * Pre-request * Donation |
| **2** | Section 1 | Basic |  |
| **3** |  | Set up your machine (Video 1) | * Html * Vs code * Live server plugin |
| **4** |  | JavaScript introduction |  |
| **5** |  | Advantage and disadvantage |  |
| **6** |  | JavaScript version |  |
| **7** |  | Way of adding JavaScript |  |
| **8** |  | Output |  |
| **9** |  | Comment | * what is comment? * Single line comment * Multiline comment |
| **10** |  | Variable | * what is variable? * Explain variable * Declaring and initializing variable * Reserved keyword list of keyword * Why reserved keywords |
| **11** |  | Data types | * What is data types * Primitiave = * String = small introduction * ,Number = small introduction * , Boolean = small introduction * , undefined = small introduction * ,Null = small introduction * Not-primiitive = * Object = small introduction * Array = small introduction * Type of |
| **12** |  | JavaScript operators | * Introduction of Artithamatic operator, Comparison operator, logical operator, bitwise operator, assignment operator |
| **13** |  | Arithmetic operator | * Explation |
| **14** |  | Comparison operator | * Exlplantion |
| **15** |  | Logical operator | * Explantion |
| **16** |  | Comparison operator | * Explantion |
| **17** |  | logical operator | * Explantion |
| **18** |  | bitwise operator | * Explantion less important |
| **19** |  | If statement | * What is if statement * Explanation |
| **20** |  | Else | * What is switch statement * Break and continue * Explanation |
| **21** |  | Else if statement | * Explation |
| **22** |  | Switch statement | * Practice and home work * Exciese 1 * Excise 2 * Home work 1 * Home work 2 |
| **23** |  | Break and continue | * Explation |
| **24** |  | Loop | * Introduction * Type of loops for loop while loop, do while loop |
| **25** |  | While loop | * How it works * Example * Example |
| **26** |  | Do while loop | * How it works * Example * Example |
| **27** |  | For loop | * How it example * Example * Example |
| **28** |  | Nested while loop |  |
| **29** |  | Nested do while loop |  |
| **30** |  | Nested for loop |  |
| **31** |  | Loop practice | * Practice 1 * Practice 2 * Practice 3 * Home work * Home work 2 |
| **32** | Section 2 | Function | * Introduction * Topics |
| **33** |  | Function | * What is function * Type of function build in function & user defined function * Expample 1 * Expample 2 * Practice 1 |
| **34** |  | Function with parameter | * What is parameter * Parameter also known argument * parameter missing consider undefined * Example 1 * Example 2 * Practice 1 |
| **35** |  | Too many argument | * too many argument consider as object * using index number you can identy * Example 1 * Practice 1 |
| **36** |  | Return statement | * What is this * Explanation * Example 1 * Example 2 * Practice 1 |
| **37** |  | Function expression | * What is this? * Explanation * Example 1   Practice 1 |
| **38** |  | Anonymous function | * What is this? * Explanation * Example 1 * Practice 1 |
| **39** |  | Argument anonymous function | * What is this? * Explanation * Example 1 * Practice 1 |
| **40** | Section 3 | Introduction | * Data type, Next few section * Introduction * Object |
| **41** |  | Object | * What is object * Explanation |
| **42** |  | Object literal | * Explanation * Add and remove item from object |
| **43** |  | Object constructor | * Explanation * Add and remove item from object |
| **44** |  | Object property and methods | * Explantion |
| **45** |  | Delete property | * Explation |
| **46** |  | Factory function | * Explanation |
| **47** |  | Constructor function | * Explanation * Also known as class |
| **48** |  | “this” keyword in javascript | * Explanation |
| **49** |  | For in loop | * Exlation |
| **50** |  | Objet.keys | * Explation |
| **51** |  | Object.values | * Expaltion |
| **52** | Seciton4 | Introduction | * Introduction |
| **53** |  | Array | * Explanation |
| **54** |  | Array literal | * Explanation |
| **55** |  | Array constructor | * Explanation |
| **56** |  | Array information | * Zero index |
| **57** |  | Accessing array element | * Explation |
| **58** |  | Modifying array element | * Explanation |
| **59** |  | Removing array element | * Explation |
| **60** |  | For loop | * Explation |
| **61** |  | forEach | * Explation |
| **62** |  | For of | * Explation |
| **63** |  | Array.length |  |
| **64** |  | Array.concat |  |
| **65** |  | Array.entries |  |
| **66** |  | Array.every |  |
| **67** |  | Array.includes |  |
| **68** |  | Array.indexOf |  |
| **69** |  | isArray |  |
| **70** |  | Array.join |  |
| **71** |  | Array.pop |  |
| **72** |  | Array.push |  |
| **73** |  | Array.shift |  |
| **74** |  | Array.unshift |  |
| **75** |  | Array.reverse |  |
| **76** |  | Array.splice |  |
| **77** |  | Array.slice |  |
| **78** |  | Array.toString |  |
| **79** |  | Valueof |  |
| **80** | Section 5 | String | * What is string * Explanation |
| **81** |  | concatenate | * Concatenate string using + * Template string (advanced topic mention) It is very easy to understand |
| **82** |  | String length |  |
| **83** |  | charAt |  |
| **84** |  | Concat | * + and template string |
| **85** |  | Includes |  |
| **86** |  | IndexOf |  |
| **87** |  | Lastindexof |  |
| **88** |  | Match |  |
| **89** |  | Repeat |  |
| **90** |  | Replace |  |
| **91** |  | Search |  |
| **92** |  | Slice |  |
| **93** |  | Split |  |
| **94** |  | Startswith |  |
| **95** |  | Substr |  |
| **96** |  | Subustring |  |
| **97** |  | toLocalLowerCase() |  |
| **98** |  | toLocalUpperCase() |  |
| **99** |  | toLowerCase() |  |
| **100** |  | toUpperCase() |  |
| **101** |  | Trim |  |
| **102** |  | toString() |  |
| **103** |  | Valueof() |  |
| **104** | Section 6 | Number | * Introduction |
| **105** |  | Number | * Number and explanation |
| **106** |  | Add numbers and strings | * Explanation |
| **107** |  | NaN | * Explanation |
| **108** |  | Infinity | * Explanation |
| **109** |  | Number Object |  |
| **110** |  | isInfinite  isIntegior  isNaN |  |
| **111** |  | toExponential |  |
| **112** |  | toFixed |  |
| **113** |  | toLocaleString |  |
| **114** |  | toPrecisison |  |
| **115** |  | toString |  |
| **116** |  | Math | * Introduction |
| **117** |  | Math.ceil |  |
| **118** |  | Math.floor |  |
| **119** |  | Math.random |  |
| **120** |  | Math.max |  |
| **121** |  | Math.min |  |
| **122** |  | Math.round |  |
| **123** |  | Other math method |  |
| **124** |  | parseInt |  |
| **125** |  | parseFlot |  |
| **126** | Section 7 | Date | * Introduction |
| **127** |  | Date | * Explanation |
| **128** |  | Date formats | * Explanation |
| **129** |  | Get methods | * Explanation |
| **130** |  | Set methods | * Explanation |
| **131** | Section 8 | Introduction | * Introduction |
| **132** |  | Boolean |  |
| **133** |  | Undefined |  |
| **134** |  | Null | * Explanation |
| **135** |  | Differnce between null and undefined |  |
| **136** |  | TypeOf |  |
| **137** |  | Generate Random number |  |
| **138** |  | Errors in javascript |  |
| **139** | Section 9 | Summary | * All topics |
| **140** |  | Advanced | * Introduction * Subject |
| **141** | Section 10 | Object Orieted Programed | * Introduction * Explanation |
| **142** |  | Encaptualization | * Explanation |
| **149** |  | Abstraction | * Explanation |
| **150** |  | Inhertance | * Explanation |
| **151** |  | Polymorphism | * Explanation |
| **152** | Section 10 | Es 16 features | * Introduction * List of es16 features |
| **153** |  | Let and const | * Explation |
| **154** |  | Default parameter | * Explation |
| **155** |  | Template string |  |
| **156** |  | Enhanded object literal |  |
| **157** |  | Arrow functions |  |
| **158** |  | Spread operator |  |
| **159** |  | Rest operator |  |
| **160** |  | Array destruction |  |
| **161** |  | Object destruction |  |
| **162** |  | Object.entries |  |
| **163** |  | Hight arrow methdos |  |
| **164** |  | Array.map |  |
| **165** |  | Array.filter |  |
| **166** |  | Array.sort |  |
| **167** |  | Array.reduce |  |
| **168** |  | Array.some |  |
| **169** |  | Array.find |  |
| **170** |  | Array.findIndexoF |  |
| **171** |  | Other methods |  |
| **172** |  | Import and export |  |
| **173** |  | Promise |  |
| **174** |  | Async await |  |
| **175** |  | Default parameter |  |
| **176** |  | class |  |
| **177** |  | Class inheritance |  |
| **178** |  | Class expression |  |
| **179** |  | Super method |  |
| **180** |  | Static method in class |  |
| **181** |  | This key work in class |  |
| **182** |  | Callback |  |
| **183** |  | Callback hell |  |
| **185** |  | Promise hell |  |
| **186** | Section 11 | Introduction | * How javascript work |
| **187** |  | How JavaScript work |  |
| **189** |  | Hoisting |  |
| **190** |  | Closure |  |
| **191** |  | Let and const difference |  |
| **192** |  | setTime out |  |
| **193** |  | Call back function, promises and asyn await | * Difference |
| **194** |  | Website – single page application and nor app |  |
| **195** |  | Events |  |
| **196** |  | prototype |  |
| **197** |  | React, nodejs,angular |  |
| **198** |  | Nodejs |  |
| **199** |  | Events |  |
| **200** |  | Regular expression |  |
| **201** |  | Strict mode |  |
| **202** | Section 12 | Typescript |  |
| **203** |  | Interview |  |
| **204** |  | Topic which all covered | * How javascript works * Difference between var and let * Hoisting * Closure |
| **205** |  | Logical question |  |
| **206** |  | 20 logical questions |  |
| **1** | JavaScript | Introduction | * No qualification required * Section based * Practice session * Home works * Guide * Projects * Pre-request * Donation |
| **2** | Section 1 | Basic | * Way to add JavaScript * All topics * JavaScript and java |
| **3** |  | Set up your machine (Video 1) | * Html * Vs code * Live server plugin |
| **4** |  | JavaScript introduction | * Names * Founder * History * What is JavaScript |
| **5** |  | Advantage and disadvantage | * 4 advantage * 2 disadvantage |
| **6** |  | JavaScript version | * Introduction * Version description * E6 16 * E6 17 |
| **7** |  | Way of adding JavaScript | * Inline * External * Script tag |
| **8** |  | Output | * innerHTML * document.write * window.alert * console.log() |
| **9** |  | Comment | * what is comment? * Single line comment * Multiline comment |
| **10** |  | Variable | * what is variable? * Explain variable * Declaring and initializing variable * Reserved keyword list of keyword * Why reserved keywords |
| **11** |  | Data types | * What is data types * Primitiave = * String = small introduction * ,Number = small introduction * , Boolean = small introduction * , undefined = small introduction * ,Null = small introduction * Not-primiitive = * Object = small introduction * Array = small introduction * Type of |
| **12** |  | JavaScript operators | * Introduction of Artithamatic operator, Comparison operator, logical operator, bitwise operator, assignment operator |
| **13** |  | Arithmetic operator | * Explation |
| **14** |  | Comparison operator | * Exlplantion |
| **15** |  | Logical operator | * Explantion |
| **16** |  | Comparison operator | * Explantion |
| **17** |  | logical operator | * Explantion |
| **18** |  | bitwise operator | * Explantion less important |
| **19** |  | If statement | * What is if statement * Explanation |
| **20** |  | Else | * What is switch statement * Break and continue * Explanation |
| **21** |  | Else if statement | * Explation |
| **22** |  | Switch statement | * Practice and home work * Exciese 1 * Excise 2 * Home work 1 * Home work 2 |
| **23** |  | Break and continue | * Explation |
| **24** |  | Loop | * Introduction * Type of loops for loop while loop, do while loop |
| **25** |  | While loop | * How it works * Example * Example |
| **26** |  | Do while loop | * How it works * Example * Example |
| **27** |  | For loop | * How it example * Example * Example |
| **28** |  | Nested while loop |  |
| **29** |  | Nested do while loop |  |
| **30** |  | Nested for loop |  |
| **31** |  | Loop practice | * Practice 1 * Practice 2 * Practice 3 * Home work * Home work 2 |
| **32** | Section 2 | Function | * Introduction * Topics |
| **33** |  | Function | * What is function * Type of function build in function & user defined function * Expample 1 * Expample 2 * Practice 1 |
| **34** |  | Function with parameter | * What is parameter * Parameter also known argument * parameter missing consider undefined * Example 1 * Example 2 * Practice 1 |
| **35** |  | Too many argument | * too many argument consider as object * using index number you can identy * Example 1 * Practice 1 |
| **36** |  | Return statement | * What is this * Explanation * Example 1 * Example 2 * Practice 1 |
| **37** |  | Function expression | * What is this? * Explanation * Example 1   Practice 1 |
| **38** |  | Anonymous function | * What is this? * Explanation * Example 1 * Practice 1 |
| **39** |  | Argument anonymous function | * What is this? * Explanation * Example 1 * Practice 1 |
| **40** | Section 3 | Introduction | * Data type, Next few section * Introduction * Object |
| **41** |  | Object | * What is object * Explanation |
| **42** |  | Object literal | * Explanation * Add and remove item from object |
| **43** |  | Object constructor | * Explanation * Add and remove item from object |
| **44** |  | Object property and methods | * Explantion |
| **45** |  | Delete property | * Explation |
| **46** |  | Factory function | * Explanation |
| **47** |  | Constructor function | * Explanation * Also known as class |
| **48** |  | “this” keyword in javascript | * Explanation |
| **49** |  | For in loop | * Exlation |
| **50** |  | Objet.keys | * Explation |
| **51** |  | Object.values | * Expaltion |
| **52** | Seciton4 | Introduction | * Introduction |
| **53** |  | Array | * Explanation |
| **54** |  | Array literal | * Explanation |
| **55** |  | Array constructor | * Explanation |
| **56** |  | Array information | * Zero index |
| **57** |  | Accessing array element | * Explation |
| **58** |  | Modifying array element | * Explanation |
| **59** |  | Removing array element | * Explation |
| **60** |  | For loop | * Explation |
| **61** |  | forEach | * Explation |
| **62** |  | For of | * Explation |
| **63** |  | Array.length |  |
| **64** |  | Array.concat |  |
| **65** |  | Array.entries |  |
| **66** |  | Array.every |  |
| **67** |  | Array.includes |  |
| **68** |  | Array.indexOf |  |
| **69** |  | isArray |  |
| **70** |  | Array.join |  |
| **71** |  | Array.pop |  |
| **72** |  | Array.push |  |
| **73** |  | Array.shift |  |
| **74** |  | Array.unshift |  |
| **75** |  | Array.reverse |  |
| **76** |  | Array.splice |  |
| **77** |  | Array.slice |  |
| **78** |  | Array.toString |  |
| **79** |  | Valueof |  |
| **80** | Section 5 | String | * What is string * Explanation |
| **81** |  | concatenate | * Concatenate string using + * Template string (advanced topic mention) It is very easy to understand |
| **82** |  | String length |  |
| **83** |  | charAt |  |
| **84** |  | Concat | * + and template string |
| **85** |  | Includes |  |
| **86** |  | IndexOf |  |
| **87** |  | Lastindexof |  |
| **88** |  | Match |  |
| **89** |  | Repeat |  |
| **90** |  | Replace |  |
| **91** |  | Search |  |
| **92** |  | Slice |  |
| **93** |  | Split |  |
| **94** |  | Startswith |  |
| **95** |  | Substr |  |
| **96** |  | Subustring |  |
| **97** |  | toLocalLowerCase() |  |
| **98** |  | toLocalUpperCase() |  |
| **99** |  | toLowerCase() |  |
| **100** |  | toUpperCase() |  |
| **101** |  | Trim |  |
| **102** |  | toString() |  |
| **103** |  | Valueof() |  |
| **104** | Section 6 | Number | * Introduction |
| **105** |  | Number | * Number and explanation |
| **106** |  | Add numbers and strings | * Explanation |
| **107** |  | NaN | * Explanation |
| **108** |  | Infinity | * Explanation |
| **109** |  | Number Object |  |
| **110** |  | isInfinite  isIntegior  isNaN |  |
| **111** |  | toExponential |  |
| **112** |  | toFixed |  |
| **113** |  | toLocaleString |  |
| **114** |  | toPrecisison |  |
| **115** |  | toString |  |
| **116** |  | Math | * Introduction |
| **117** |  | Math.ceil |  |
| **118** |  | Math.floor |  |
| **119** |  | Math.random |  |
| **120** |  | Math.max |  |
| **121** |  | Math.min |  |
| **122** |  | Math.round |  |
| **123** |  | Other math method |  |
| **124** |  | parseInt |  |
| **125** |  | parseFlot |  |
| **126** | Section 6 | Date | * Introduction |
| **127** |  | Date | * Explanation |
| **128** |  | Date formats | * Explanation |
| **129** |  | Get methods | * Explanation |
| **130** |  | Set methods | * Explanation |
| **131** | Section 7 | Introduction | * Introduction |
| **132** |  | Boolean |  |
| **133** |  | Undefined |  |
| **134** |  | Null | * Explanation |
| **135** |  | Differnce between null and undefined |  |
| **136** |  | TypeOf |  |
| **137** |  | Generate Random number |  |
| **138** |  | Errors in javascript |  |
| **139** | Section 8 | Summary | * All topics |
| **140** |  | Advanced | * Introduction * Subject |
| **141** | Section 9 | Object Orieted Programed | * Introduction * Explanation |
| **142** |  | Encaptualization | * Explanation |
| **149** |  | Abstraction | * Explanation |
| **150** |  | Inhertance | * Explanation |
| **151** |  | Polymorphism | * Explanation |
| **152** | Section 10 | Es 16 features | * Introduction * List of es16 features |
| **153** |  | Let and const | * Explation |
| **154** |  | Default parameter | * Explation |
| **155** |  | Template string |  |
| **156** |  | Enhanded object literal |  |
| **157** |  | Arrow functions |  |
| **158** |  | Spread operator |  |
| **159** |  | Rest operator |  |
| **160** |  | Array destruction |  |
| **161** |  | Object destruction |  |
| **162** |  | Object.entries |  |
| **163** |  | Hight arrow methdos |  |
| **164** |  | Array.map |  |
| **165** |  | Array.filter |  |
| **166** |  | Array.sort |  |
| **167** |  | Array.reduce |  |
| **168** |  | Array.some |  |
| **169** |  | Array.find |  |
| **170** |  | Array.findIndexoF |  |
| **171** |  | Other methods |  |
| **172** |  | Import and export |  |
| **173** |  | Promise |  |
| **174** |  | Async await |  |
| **175** |  | Default parameter |  |
| **176** |  | class |  |
| **177** |  | Class inheritance |  |
| **178** |  | Class expression |  |
| **179** |  | Super method |  |
| **180** |  | Static method in class |  |
| **181** |  | This key work in class |  |
| **182** |  | Callback |  |
| **183** |  | Callback hell |  |
| **185** |  | Promise hell |  |
| **186** | Section 11 | Introduction | * How javascript work |
| **187** |  | How JavaScript work |  |
| **189** |  | Hoisting |  |
| **190** |  | Closure |  |
| **191** |  | Let and const difference |  |
| **192** |  | setTime out |  |
| **193** |  | Call back function, promises and asyn await | * Difference |
| **194** |  | Website – single page application and nor app |  |
| **195** |  | Events |  |
| **196** |  | prototype |  |
| **197** |  | React, nodejs,angular |  |
| **198** |  | Nodejs |  |
| **199** |  | Events |  |
| **200** |  | Regular expression |  |
| **201** |  | Strict mode |  |
| **202** | Section | Typescript |  |
| **203** |  | Interview |  |
| **204** |  | Topic which all covered | * How javascript works * Difference between var and let * Hoisting * Closure |
| **205** |  | Logical question |  |
| **206** |  | 20 logical questions |  |