```javascript
//1. Comment Your JavaScript Code
//this is in-line comment
/*this is
the multiline
comment*/

//2. Declare JavaScript Variables :
// var myName;
// console.log(myName);

//3. Storing Values with the Assignment Operator:
// var a;
// a=7
// console.log(a)

//4.  Assigning the Value of One Variable to Another :
// var a;
// a=5;
// var b;
// b=a;
// console.log(b)

//5.Initializing Variables with the Assignment Operator:
// var a=9;
// console.log(a)

//6.  Understanding Uninitialized Variables:
// //var a;
// var a=5;
// var b=10;
// var c='I am a'
// console.log(a)

//7 Understanding Case Sensitivity in Variables:
// var myName='Ajeet';
// console.log(myname)
// console.log(myName) //Ajeet

//8 Add Two Numbers with JavaScript
// var myVar=10+15
// console.log(myVar) //25

//9 Subtract One Number from Another with JavaScript:
// var myVar=15-5
// console.log(myVar) //10

//10 Multiply Two Numbers with JavaScript:
// var myVar=15*5;
// console.log(myVar) //75

//11 Divide One Number by Another with JavaScript:
// var myVar=25/5;
// console.log(myVar)//5

//12 Increment a Number with JavaScript:
// var a=6
// //a=a+1
// a++;
// console.log(a)   //7

//13 Decrement a Number with JavaScript:
// var a=6
// //a=a-1
// a--;
// console.log(a)   //5

//14  Create Decimal Numbers with JavaScript
// var a=3.5
// console.log(a)
```

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70
71   //15 Multiply Two Decimals with JavaScript:
72   // var a=2.5*2.0
73   // console.log(a)
74
75   //16 Divide One Decimal by Another with JavaScript
76   // var a=4.4/2.0
77   // console.log(a)
78
79   //17 Finding a Remainder in JavaScript:
80   // var a=11%3
81   // console.log(a)//2
82
83   // //18 Compound Assignment With Augmented Addition:
84   // var a=1
85   // a+=5;
86   // var b=3;
87   // b+=6;
88   // var c=2;
89   // c+=8
90   // console.log(a)//6
91   // console.log(b)//9
92   // console.log(c)//10
93
94   //19 Compound Assignment With Augmented Subtraction:
95   // var a=10;
96   // a-=5;
97   // var b=13;
98   // b-=6;
99   // var c=12;
100  // c-=8
101  // console.log(a)//5
102  // console.log(b)//7
103  // console.log(c)//4
104
105  //20 Compound Assignment With Augmented Multiplication:
106  // var a=1
107  // a*=5;
108  // var b=3;
109  // b*=6;
110  // var c=2;
111  // c*=8
112  // console.log(a)//5
113  // console.log(b)//18
114  // console.log(c)//16
115
116  //21 Compound Assignment With Augmented Division:
117  // var a=15
118  // a/=5;
119  // var b=30;
120  // b/=6;
121  // var c=24;
122  // c/=8
123  // console.log(a)//3
124  // console.log(b)//5
125  // console.log(c)//3
126
127  //22 Declare String Variable
128  // var firstName="Ajeet"
129  // var lastNmae='Bharti'
130  // console.log(firstName)
131  // console.log(lastNmae)
132  // console.log(`${firstName} ${lastNmae}`)
133
134  //23 Escaping Literal Quotes in Strings:
135  // var myStr="I am a \"double quoted\" string inside \"double quotes.\""
136  // console.log(myStr)
137
138  //24  Quoting Strings with Single Quotes
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139    // var myStr='<a href="http://www.example.com" target="_blank">Link</a>';
140    // console.log(myStr)
141
142    //25 Escape Sequences in Strings:
143    // var myStr="FirstLine\n\t\\SecondLine\nThirdLine";
144    // console.log(myStr)
145
146    //26 . Concatenating Strings with Plus Operator:
147    //var myStr="This is  start. "+"This is the end.";
148    // console.log(myStr)
149
150    //27. Concatenating Strings with the Plus Equals Operator
151    // var myStr= "This is the first sentence. ";
152    // myStr += "This is the second sentence.";
153    // console.log(myStr)
154
155    //28 Constructing Strings with Variables
156    // var myName='Ajeet Kumar Bhari';
157    // var myStr='My name is'+myName+'I am well!';
158    // console.log(myStr)
159
160    //29 Appending Variables to Strings
161    // var someAdjective='Hi Hello Good';
162    // var myStr = "Learning to code is ";
163    // myStr += someAdjective
164    // console.log(myStr)
165
166    //30 Use Bracket Notation to Find the First Character in a String
167    // var firstLetterOfLastName = "";
168    // var lastName = "Lovelace";
169    // firstLetterOfLastName = lastName[0];
170    // console.log(firstLetterOfLastName)
171
172    //31 Find the Length of a String:
173    // var lastName='lastNameLength'
174    // console.log(lastName.length)
175
176    //32 Understand String Immutability:
177    //var myStr = "Jello World";
178    // myStr[0] = "H";
179    // console.log(myStr)
180
181    //33 Use Bracket Notation to Find the Nth Character in a String
182    // var lastName = "AjeetKumar";
183    // var thirdLetterOfLastName = lastName[2];
184    // console.log(thirdLetterOfLastName) //e
185
186    //34 Use Bracket Notation to Find the Last Character in a String
187    // var lastName = "AjeetKumar";
188    // var lastLetterOfLastName = lastName[lastName.length-1];
189    // console.log(lastLetterOfLastName)//r
190
191    //35 Use Bracket Notation to Find the Nth-to-Last Character in a String
192    // var lastName = "AjeetKumar";
193    // var secondToLastLetterOfLastName = lastName[lastName.length-2];
194    // console.log(secondToLastLetterOfLastName)  //a
195
196    // 36 Word Blanks
197    // var myNoun = "dog";
198    // var myAdjective = "big";
199    // var myVerb = "ran";
200    // var myAdverb = "quickly";
201    // var wordBlanks = "The "+" "+myAdjective+" "+myNoun+" "+myVerb+" "+myAdverb+".";
202    // console.log(wordBlanks)
203
204    //37 Store Multiple Values in one Variable using JavaScript Array
205    // var myArray=['Ajeet','kumar',49,50.90]
206    // console.log(myArray)
207
```

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//38 Nest one Array within Another Array:
// var myArray=[['Ajeet',50],['Kumar',29]]
// console.log(myArray)

//39 Access Array Data with Indexes:
// var myData=[33,64,65,90]
// console.log(myData[0])

// 40. Modify Array Data With Indexes:
var myArray=[50,68,23,56]
myArray[0]=45
console.log(myArray)
```