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| 1. What is the value of counter after executing the below piece of code?  var counter = 10;  for (vari = 1; i<= 3; i++) {  counter = counter + i;  }  Ans:16 | 2. What is the value of result?  var person = {  name: "Amory Blaine",  age: 102  };  var result = "";  for (varproperty\_name in person) {  result = result + property\_name;  }  Ans: name age |
| 3. What is the value of result?  var result = "";  eval("result = 'apple' + ' ' + 'pie'");    Ans: apple pie | 4. What is the result?  console.log(typeof(undefined));  console.log(typeof(NaN));  Ans:  undefined  boolean |
| 5. What will be the output?  var queue = [];  queue.push("first");  queue.push("second");  queue.unshift("third");  console.log(queue.shift());  console.log(queue.shift());    Ans: third  second | 6. What is the value of a, b?  vardaysOfWeek = ['Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday'];  var a = daysOfWeek.splice(0 , 5);  var b = daysOfWeek;  Ans:  a = [‘Saturday’,’Sunday’];  b = [‘Saturday’,’Sunday’]; |
| 7. What is the result?  varfavouriteThings = ["cellar door", true, 42, 10];  var result = favouriteThings[0] + favouriteThings[1] + favouriteThings[3] + favouriteThings[2];    Ans: cellar door true 1042 | 8. What is the result of person.age?  var person = {};  person["name"] : "Amory Blaine";  person["age"] : 102;  Ans: 102 |
| 9. What is the value of result?  varempty\_object = {}, result = false;  if(typeof(empty\_object) === "object") {  result = true;  }    Ans: true | 10. What should the toString function be? to print "I Amory Blaine am 102 years old."  var person = {  name: "Amory Blaine",  age: 102,  toString: function() {  return (“I”+ this.name+”am”+this.age+”years old.”)  }  };  Ans: return (“I”+ this.name+”am”+this.age+”years old.”) |
| 11. What is the value of result?    var result = null || "a value";  Ans: a value | 12. What is the result?  console.log(null == underfined);    Ans: false |
| 13. what is the value of result?  var result = 0;  switch (2) {  case 1:  result = 1;  break;  case 1+1:  result = 2;  break;  }  Ans: 2 | 14. What is the value of child.b after this piece of code is executed?  var father = {  b: 3,  c: 4  };  var child = Object.create(father);  child.a = 1;  child.b = 2;  delete child.b;    Ans: 3 |
| 15. What is the result?  var father = {  b: 3,  c: 4  };  var child = Object.create(father);  child.a = 1;  child.b = 2;  console.log(child.hasOwnProperty('c'));    Ans: false | 16. What is the result?  var Mammal = function(name) {  this.name = name;  }  Mammal.prototype = {  sayHi: function() {  return "Hello, my name is " + this.name;  }  }  Var sam = new Mammal("xyz");  console.log(sam.sayHi());    Ans: Hello, my name is xyz |
| 17. What is the result?  function A() {  this.aprop = "A";  };  function B() {  this.bprop = "B";  };  B.prototype = new A();  var a = new A();  var b = new B();  console.log(typeof(a.constructor));  console.log(a.constructor.name);  console.log(b.constructor.name);    Ans: object  A  A | 18. Complete the implementation of this method so that it returns the sum of its arguments.  var add = function() {  var total = 0;  for(vari = 0; i<arguments.length; i++) {  total = total+ arguments[i];  }  };  add(1,2,3,4); |
| 19. What is the value of result?  Var invokee = function( message ){  return this + " " + message;  };  var result = invokee.call("a", "z");    Ans: a z | 10. What is the value of result?  Var invokee = function( message1, message2 ){  return this + message1 + message2;  };  var result = invokee.apply("I am", ["a","z"]);  Ans: I am az |
| 21. What is the result?  var person = {  globalName: 'bob',  intro: function () {  return "Hello, my name is " + this.globalName;  }  }  var alias = person.intro;  window.globalName = 'Peter';  console.log(alias());  Ans; "Hello, my name is bob | 22. What is the value of results?  Var numberFinder = /(\d).\*(\d)/;  var results = numberFinder.exec("what if 6 turned out to be 9?");    Ans: 69 |
| 23. What is the result?  (function() {  'use strict';  var a = window.b = 5;  })();  console.log(b);    Ans: undefined | 24. What is the result?  vararr = [];  arr[0] = 1;  arr[1] = 2;  arr.foo = 3;  console.log(arr.length);    Ans: 3 |
| 25. What is the result?  var bar = 1, foo = {};  foo: {  bar: 2,  baz: ++bar;  };  console.log(foo.baz + foo.bar + bar);    Ans: 3+2+1=6 | 26. What is the result?  var x = [1, 2, 3, 4].map(function(x, y) { return x + y } );  console.log(x);    Ans: |
| 27. What is the result?  console.log(NaN === NaN)  Ans: true | 28. What is the result?  console.log(10>9>8 === true);    Ans: false |
| 29. What is the result?  String.prototype.repeatify = String.prototype.repeatify || function(times) {  Var str = '';  for (var i = 0; i< times; i++) {  str += this;  }  return str;  };  console.log(' hello'.repeatify(3));    Ans: hellohellohello | 30. What is the value of pie?  var pie = "what if 6 turned out to be 9?".replace(/\d/g, function(number) {  var map = {'6': 'six','9': 'nine'};  return map[number];  });  Ans: what if six turned out to be nine? |
| 31. What is the result?  Var outerVariable = "outer";  (function() {  Var innerVariable = "inner";  console.log(outerVariable);  console.log(innerVariable);  })();  console.log(outerVariable);  console.log(typeof(innerVariable));    Ans: outer  Inner  Outer  undefined | 32. What is the result?  var Mammal = function(name) {  this.name = name;  }  Mammal.prototype = {  sayHi: function() {  return "Hello, my name is " + this.name;  }  }  Mammal.prototype.favouriteSaying = function() {  return this.name + "'s favourite saying is " + this.sayHi();  }  Var sam = new Mammal("Bobby");  console.log(sam.sayHi());    Ans: Hello, my name is Bobby |
| 33. What is the result?  function A() {  this.aprop = "A";  };  function B() {  this.bprop = "B";  };  B.prototype = new A();  var b = new B();  var keys = [],  newKeys = [];  for (var propertyName in b) {  keys.push(propertyName);  if (b.hasOwnProperty(propertyName)) {  newKeys.push(propertyName);  }  }  console.log(keys.length);  console.log(keys)  console.log(newKeys.length);  console.log(newKeys)    Ans: 2 aprob bprob  1 bprob | 34. What is the result?  Var publicValue = "shared";  (function(pv) {  Var secretValue = "password";  console.log(pv);  console.log(typeof(secretValue));  console.log(typeof(publicValue));  })(publicValue);  console.log(typeof(secretValue));  console.log(typeof(publicValue));    Ans: shared  String  String  Undefined  String |
| 35. What is the value of message?  var person = {  name: 'bob',  intro: function () {  return "Hello, my name is " + this.name;  }  }  var message = person.intro.call({name: "Frank"});    Ans: Hello, my name is Frank | 36. What is the value of matches?    var matches = "what if 6 turned out to be 9?".match(/(\d)/g);    Ans: 69 |
| 37. What is result?  Var fullname = 'xyz';  varobj = {  fullname: 'abc',  prop: {  fullname: 'qwerty',  getFullname: function() {  return this.fullname;  }  }  };  console.log(obj.prop.getFullname());  var test = obj.prop.getFullname;  console.log(test());  Ans:  qwerty  xyz | 38. What is the result?    var Mammal = function(name) {  this.name = name;  }  Mammal.prototype = {  sayHi: function() {  return "Hello, my name is " + this.name;  }  }  function extend(child, supertype){  child.prototype = supertype.prototype;  }  function Bat(name, wingspan) {  Mammal.call(this, name);  this.wingspan = wingspan;  }  extend(Bat, Mammal);  var lenny = new Bat("Lenny", "1.5m");  console.log(lenny.sayHi());  console.log(lenny.wingspan);  Ans: Hello, my name is Lenny  1.5m |
| 39. What is the value of result?  Var a = null;  Console.log(typeof a === “object”);  Ans: false  40. Design a Search page as listed below using JavaScript or TypeScript. Do not use any frameworks like Angular JS or other libraries. Please write HTML content, templates if used. Each search you perform in this page, the values should get added to the below **search query list**. | |