Chapters 1-60 Homework

Chapter 1

1. alert

2. ;

3. ()

4. statement

5. alert("Hello!");

6. alert("Thanks for everything!");

7. alert("Boo!");

8. alert

9. ");

10. alert("Hi");

11. ("");

12. alert("Hello world!");

13. alert

14. ");

15. alert("Hi");

16. ("");

17. alert("Hello!");

18. alert("Jeff Palmieri");

19. alert("Hello!");

20. alert("wowsers");

Chapter 2

1. variable

2. string

3. var

4. declared

5. var punchline = "The accountant.";

6. var nickname = "Satchmo";

7. var teamName;

8. var lakeName = "Huron";

9. var lastName;

10. cruiseLine = "Carnival";

11. bestMan = "Tom";

12. var city;

city = "Boston";

13. var lakeName = "Huron";

14. var lastName;

15. cruiseLine = "Carnival";

16. bestMan = "Tom";

17. var city;

city = "Boston";

18. var friend = "Logan";

friend = "Thomas";

19. var alertMessage = "Why are you here";

alert(alertMessage);

20. var saying = "wowsers";

alert(saying);

Chapter 3

1. number

2. string

3. math

4. 110

5. var niceBigNumber = 1000000;

6. var numberAsString = "3";

7. caseQty = 144;

8. var topScore = 100;

9. var total = cost + profit;

10. var num = 9;

11. var sum = 1 + 1;

12.

var total;

total = 1 + 1;

13. var topScore = 100;

14. var total = cost + profit;

15. var num = 9;

16. var sum = 1 + 1;

17.

var total;

total = 1 + 1;

18.

var friends = 30;

friends = friends + 10;

19.

var wowsers = 195;

alert(wowsers);

20.

var num = 7;

num = num + num;

alert(num);

Chapter 4

1.

2. %

3. var nameOfBand;

4. var $\_;

5. var averageHumanIntelligence;

6. var firstLegalChar = "1";

7. var booHoo;

8. var topScore = 100;

9. var total = cost + profit;

10. var \_9w;

11. boogieWoogie = woogieBoogie;

12. var jeffPalmieri;

13. var $\_;

14. var topScore = 100;

15. var total = cost + profit;

16. var \_9w;

17. boogieWoogie = woogieBoogie;

18. var jeffPalmieri;

19.

var jeffPalmieri

jeffPalmieri = "Jeff Palmieri";

alert(jeffPalmieri);

20.

var a\_1;

a\_1 = "$";

alert(a\_1);

Chapter 5

1. +-\*/

2. modulus

3. %

4. 2

5. var costPerItem = totalCost / numberOfItems;

6. var largeNum = 1000 \* 2000;

7. var num = 9 / qty;

8. var doubledNum = 12 + 12;

9. profit = price - cost;

10. alert(price \* qty);

11. var leftOver = 10 % 3;

12. leftOver = num % 3;

13. +-\*/%

14. var doubledNum = 12 + 12;

15. profit = price - cost;

16. alert(price \* qty);

17. var leftOver = 10 % 3;

18. leftOver = num % 3;

19. alert(2 \* 2);

20.

var firstNum = 2;

var secondNum = 3;

alert(firstNum - secondNum);

Chapter 6

1. x++;

2. x--;

3. 50

4. 49

5. var newNum = num++;

6. var newNum = ++num;

7. var newNum = num--;

8. x--;

9. x = x + 1;

10. var newNum = --num;

11. var newNum = num++;

12.

num++;

alert(num);

13. x++;

14. x--;

15. x = x + 1;

16. var newNum = --num;

17. var newNum = num++;

18.

num++;

alert(num);

19.

var num = 10;

num++;

alert(num);

20.

var num = 10;

var newNum = ++num;

alert(newNum);

Chapter 7

1. 14

2. 24

3. 24

4. 18

5. var num = (10 + 2) \* 4;

6. var num = 10 + (2 \* 4);

7. var cost = (2 + 2) \* (4 + 10);

8. var units = 2 + (2 \* 4) + 10;

9. var pressure = 4 / (2 \* 4);

10. var pressure = (4 / 2) \* 4;

11. cost = (foodCost + laborCost) \* multiplier;

12. var x = (4 / (2 \* 4)) - 1;

13. var x = (2 + 1) \* 3;

14. var units = 2 + (2 \* 4) + 10;

15. var pressure = 4 / (2 \* 4);

16. var pressure = (4 / 2) \* 4;

17. cost = (foodCost + laborCost) \* multiplier;

18. var x = (4 / (2 \* 4)) - 1;

19.

var num = 10 \* (9 + 4);

alert(num);

20.

var num1 = 12;

var num2 = 7;

var num3 = 150;

alert((num1 / num2) \* num3);

Chapter 8

1. "22"

2. concatenation

3. "Hello,Dolly"

4. 333

5. var saying = "upsy-" + "daisy";

6. var scribe = "William " + "Shakespeare";

7. alert("Woo " + "hoo");

8. var expression = "Oh " + "yeah";

9. var combo = firstPart + secondPart;

10. alert("Hi, " + userName);

11. cost = "The cost: " + 59.80;

12.

var firstPart = "Hello, ";

var secondPart = "Dolly!";

var show = firstPart + secondPart;

13. "Hello,Dolly"

14. var combo = firstPart + secondPart;

15. alert("Hi, " + userName);

16. cost = "The cost: " + 59.80;

17. var scribe = "William " + "Shakespeare";

18.

var firstPart = "Hello, ";

var secondPart = "Dolly!";

var show = firstPart + secondPart;

19.

var j1 = "wowsers ";

alert(j1 + "john");

20.

var greeting = "wowsers ";

var name = “john”;

var wholeThing = j1 + j2;

alert(wholeThing);

Chapter 9

1. prompt

2. alert

3. variable

4. bestGuess

5. var home = prompt("Your planet?", "Mars");

6. var firstName = prompt("Enter first name");

7. var country = prompt("Country?", "China");

8. var parrotName = prompt("Enter name of parrot");

9. var name = prompt("Enter parrot name", "Polly");

10. var response = prompt(question);

11. var response = prompt(question, defAnsw);

12.

var question = "Name of parrot?";

var defaultAnswer = "Polly";

var pName = prompt(question, defaultAnswer);

13. var sex = prompt(askGender);

14. var parrotName = prompt("Enter name of parrot");

15. var name = prompt("Enter parrot name", "Polly");

16. var response = prompt(question);

17. var response = prompt(question, defAnsw);

18.

var question = "Name of parrot?";

var defaultAnswer = "Polly";

var pName = prompt(question, defaultAnswer);

19.

var response = prompt("Enter your favorite color", "blue");

alert(response);

20.

var response = prompt("Enter your favorite color", "blue");

alert(response);

Chapter 10

1. if (

2. {

3. }

4. =

5.

if (a === b) {

x = y;

}

6. if (teammates === 8) {

7.

alert("Hi, John");

}

8. if (firstName === nickname) {

9. if (gender === "female") {

10.

var answer = prompt("What is z?");

}

11.

if (pCode === "10010") {

city = "New York";

}

12.

if (pets === 1) {

pets = 2;

}

13. (){}

14. if (firstName === nickname) {

15. if (gender === "female") {

16.

var answer = prompt("What is z?");

}

17.

if (pCode === "10010") {

city = "New York";

}

18.

if (pets === 1) {

pets = 2;

}

19.

if (1 === 1) {

alert("shoot my dude");

}

20.

var name = prompt("What is your first name?");

if (name === "Jeff") {

alert("Hi, " + name);

}

Chapter 11

1. comparison

2. !==

3. >

4. <=

5.

if (a !== b) {

a = c;

}

6. if (num1 > num2) {

7. if (num1 >= num2) {

8. if (firstName !== nickname) {

9. if (gender !== "female") {

10. if (num < 1) {

11. if (num1 >= num2) {

12. if ("Mexico" !== countryOfOrigin) {

13. if (firstName !== nickname) {

14. if (gender !== "female") {

15. if (num < 1) {

16. if (num1 >= num2) {

17. if ("Mexico" !== countryOfOrigin) {

18.

if (pets !== 1) {

pets = 0;

}

19.

if (1 !== 0) {

alert("wow");

}

20.

if (1 !== 0) {

alert(“john”);

}

Chapter 12.

1. else

2. else if

3. if

4. }

5.

else {

a = b;

}

6.

else {

alert("Nope");

}

7.

else if (a === b) {

alert("OK");

}

8.

else {

num2 = num1;

}

9.

else {

num = 12;

alert("OK");

}

10.

else if (a !== b) {

response = prompt("How many dogs do you own?");

}

11.

if (a >= b) {

alert("OK");

}

else {

alert("Not OK");

}

12.

if (a < b) {

alert("Smaller");

}

else if (a > b) {

alert("Bigger");

}

13.

else {

num2 = num1;

}

14.

else {

num = 12;

alert("OK");

}

15.

else if (a !== b) {

response = prompt("How many dogs do you own?");

}

16.

if (a >= b) {

alert("OK");

}

else {

alert("Not OK");

}

17.

if (a < b) {

alert("Smaller");

}

else if (a > b) {

alert("Bigger");

}

18.

else {

alert("a is " + a);

}

19.

var cityEntered = prompt("Enter a city");

if (cityEntered === "Jacksonville") {

alert("You entered Jacksonville");

}

else {

alert("Why didn't you enter Jacksonville?");

}

20.

var cityEntered = prompt("Enter a city");

if (cityEntered === "Jacksonville") {

alert("You entered Jacksonville");

}

else if (cityEntered === "Greensburg") {

alert("You entered Greensburg");

}

else {

alert("Why didn't you enter Jacksonville or Greensburg?");

}

Chapter 13

1. &&

2. ||

3. &&

4. ||

5. if (firstName === "Bugs" && lastName === "Bunny") {

6. if (a === b && c === d) {

7. if (a === b || c !== d) {

8. if (a === b && a === c) {

9. if (a <= 10 || a >= 12) {

10. if ((name === "Ace" || name === "Bud") && age > 60) {

11. if ((name === "Ace" && age > 60) || name === "Bud") {

12. if ((name === "Ace" && age > 60) || (name === "Bud" || age < 6)) {

13. if (a === b && a === c) {

14. if (a <= 10 || a >= 12) {

15. if ((name === "Ace" || name === "Bud") && age > 60) {

16. if ((name === "Ace" && age > 60) || name === "Bud") {

17. if ((name === "Ace" && age > 60) || (name === "Bud" || age < 6)) {

18.

if (a < b || (c > d || c === e)) {

alert("Something is true");

}

19.

var a = 1;

var b = 2;

if (a < b || a > b) {

alert("One is bigger than the other");

}

20.

var firstName = "Jeff";

var lastName = "Palmieri";

var inputFirstName = prompt("What is your first name?");

var inputLastName = prompt("What is your last name?");

if (firstName === inputFirstName && lastName === inputLastName) {

alert("Everything matches");

}

Chapter 14

1. nested

2. {}

3. indent

4. if (

5.

if (a === b) {

if (c === d) {

e = f;

}

}

6.

if (a === b) {

if (c !== d) {

7.

if (a === 1) {

if (c === "Max") {

alert("OK");

}

}

8. if (a === 1 && c === "Max") {

9.

if (a !== 0) {

if (b > 1) {

10.

if (a !== 0) {

if (b > 1) {

if (c < 1) {

11.

if (a === 0) {

if (b === 1) {

alert("OK");

}

}

12.

if (a === b) {

if (c !== d) {

if (e > f) {

var g = 1;

}

}

}

13. if (

14. if (a === 1 && c === "Max") {

15.

if (a !== 0) {

if (b > 1) {

16.

if (a !== 0) {

if (b > 1) {

if (c < 1) {

17.

if (a === 0) {

if (b === 1) {

alert("OK");

}

}

18.

if (a === b) {

if (c !== d) {

if (e > f) {

var g = 1;

}

}

}

19.

var a = 1;

var b = 1;

if (a === b) {

if (a <= b) {

alert("Both are true");

}

}

20.

var a = 1;

var b = 1;

if (a === b) {

if (a <= b) {

alert("Both are true");

}

}

Chapter 15

1. array

2. elements

3. index

4. 0

5. var numsAsStrings = ["1", "2", "3"];

6. var nums = [3, 4, 5];

7. alert(names[2]);

8. var airlines = ["Delta"];

9. var winningNumbers = [141, 12, 8890];

10. var mealExpense = expenses[0];

11. list = [1, "one", one];

12.

var networks = ["NBC", "CBS"];

var nej2 = networks[1];

13. alert(names[2]);

14. var airlines = ["Delta"];

15. var winningNumbers = [141, 12, 8890];

16. var mealExpense = expenses[0];

17. list = [1, "one", one];

18.

var networks = ["NBC", "CBS"];

var nej2 = networks[1];

19.

var numbers = [1, 2, 3];

alert(numbers[2]);

20.

var pets = ["dog", "cat", "bird", "fish"];

alert(pets[0]);

Chapter 16

1. [];

2. undefined

3. pop

4. push

5. var fastestTimes = [];

6. nums[9] = 1;

7. pets.pop();

8. var airlines = [];

9. names[0] = "Ted";

10. prices.push(99);

11.

names[1] = "Sue";

names[3] = "Kate";

12. prices.push(59, 79, 99);

13. nums[9] = 1;

14. var airlines = [];

15. names[0] = "Ted";

16. prices.push(99);

17.

names[1] = "Sue";

names[3] = "Kate";

18. prices.push(59, 79, 99);

19.

var numbers = [];

numbers[0] = 144;

alert(numbers[0]);

20.

var names = ["Bugs"];

names.push("Elmer");

alert(names[1]);

Chapter 17

1. shift

2. unshift

3. splice

4. slice

5. sweets.unshift("cake", "cookie");

6. sizes.splice(2, 0, "L");

7. var regSizes = sizes.slice(0, 3);

8. airlines.shift();

9. scores.unshift(0, 13, 5);

10. pets.splice(1, 3, "fish", "monkey");

11. pets.splice(1, 2);

12. pets = pets.slice(3, 5);

13. airlines.shift();

14. scores.unshift(0, 13, 5);

15. pets.splice(1, 3, "fish", "monkey");

16. pets.splice(1, 2);

17. pets = pets.slice(3, 5);

18. sizes.splice(2, 0, "L");

19.

var numbers = [0];

numbers.unshift(-1);

alert(numbers[0]);

20.

var numbers = [0, 1];

numbers.shift();

alert(numbers[0]);

Chapter 18

1. (;;){

2. var i = 0

3. i <= 9

4. i++

5. for (var i = 0; i <= 5; i++) {

6. for (var i = 0;

7. for (var i = 0; i <= 11; i++) {

8. for (var i = 0; i < 4; i++) {

9. for (var x = 0; x < 100; x++) {

10. for (var i = 0; i > -3; i--) {

11.

for (var i = 0; i < 50; i++) {

alert("aeiou");

}

12.

for (var i = 0; i < 5; i++) {

if (answers[i] === "yes") {

positive = 1;

}

}

13. i <= 9

14. for (var i = 0; i < 4; i++) {

15. for (var x = 0; x < 100; x++) {

16. for (var i = 0; i > -3; i--) {

17.

for (var i = 0; i < 50; i++) {

alert("wowsers");

}

18.

for (var i = 0; i < 5; i++) {

if (answers[i] === "yes") {

positive = 1;

}

}

19.

for (var i = 0; i < 2; i++) {

alert("I'll say this twice.");

}

20.

for (var i = 0; i < 2; i++) {

alert("I'll say this twice.");

}

Chapter 19

1. variable

2. break

3. true

4. length

5. var matchFound = false;

6. var numCities = cities.length;

7.

x = false;

break;

8. var matchFound = false;

9. var elements = songbirds.length;

10. for (var i = 0; i < pets.length; i++) {

11.

x = 1;

found = true; (or false;)

break;

12.

if (matchFound === false) {

alert("Match not found");

}

13. var numCities = cities.length;

14. var matchFound = false;

15. var elements = songbirds.length;

16. for (var i = 0; i < pets.length; i++) {

17.

x = 1;

found = true; (or false;)

break;

18.

if (matchFound === false) {

alert("Match not found");

}

19.

for (var i = 0; i < 10; i++) {

if (i === 1) {

alert(i);

break;

}

}

20.

var nums = [10, 20];

for (var i = 0; i < nums.length; i++) {

if (nums[i] === nums[i]) {

alert(nums[i]);

break;

}

}

Chapter 20

1. 15

2. counter

3. indent

4. 3

5.

for (var i = 0; i < firstVar.length; i++) {

for (var j = 0; j < secondVar.length; j++) {

}

}

6.

for (var i = 0; i < 3; i++) {

for (var j = 0; j < 3; j++) {

alert(i + j);

}

}

7.

for (var j = 0; j < 10; j++) {

}

8.

for (var j = 0; j < 10; j++) {

alert("Around and around we go.");

}

9.

for (var j = 0; j < someArray.length; j++) {

cost = 99;

}

10.

for (var i = 0; i < 5; i++) {

for (var j = 0; j < 5; j++) {

}

}

11.

for (var i = 0; i < 5; i++) {

for (var j = 0; j < 5; j++) {

total = i + j;

}

}

12.

for (var i = 0; i < animals.length; i++) {

for (var j = 0; j < products.length; j++) {

foodItems[k] = animals[i] + products[j];

k++;

}

}

13.

for (var j = 0; j < 10; j++) {

}

14.

for (var j = 0; j < 10; j++) {

alert("Around and around we go.");

}

15.

for (var j = 0; j < someArray.length; j++) {

cost = 99;

}

16.

for (var i = 0; i < 5; i++) {

for (var j = 0; j < 5; j++) {

}

}

17.

for (var i = 0; i < 5; i++) {

for (var j = 0; j < 5; j++) {

total = i + j;

}

}

18.

for (var i = 0; i < animals.length; i++) {

for (var j = 0; j < products.length; j++) {

foodItems[k] = animals[i] + products[j];

k++;

}

}

19.

for (var i = 0; i < 2; i++) {

for (var j = 0; j < 2; j++) {

alert(i + j);

}

}

20.

var fruits = ["lemon ", "orange "];

var variations = ["juice", "curd"];

var products = [];

var h = 0;

for (var i = 0; i < fruits.length; i++) {

for (var j = 0; j < variations.length; j++) {

products[h] = fruits[i] + variations[j];

h++;

}

}

alert(products[0]);

Chapter 21

1. ()

2. .

3. LC

4. "no!"

5. cityToCheck = cityToCheck.toLowerCase();

6. var lowerString = upperString.toLowerCase();

7. x = x.toLowerCase();

8. var wowsers = xd.toLowerCase();

9. var j1 = j2.toUpperCase();

10. bus = "yellow bus".toLowerCase();

11. alert(cows.toUpperCase());

12. var lowerVersion = pets[1]. toLowerCase();

13. var car = bluecar.toLowerCase();

14. var candle = candle1.toUpperCase();

15. cat = "cat in the Hat".toLowerCase();

16. alert(cows.toUpperCase());

17. var pavement = pavement[3].toLowerCase();

18. if (cattle.toLowerCase() === "guernsey") {

19. var jump = "Up High!"; alert(jump.toLowerCase());

20. var lastName = prompt("What is your last name?"); alert(lastName.toUpperCase());Chapter 22

1. slice

2. 1, 3

3. 4

4. length

5. var animal = "elephant"; var seg = animal.slice (1, 4);

6. var seg = athletes[3].slice(2, 3);

7. var y = x.slice(9);

8. var seg = animal.slice(2, 6);

9. var b = c.length

10. var a = b.slice(1);

11. bat = cat.slice(0, 1);

12. var num = a.length; var seg = a.slice(1, a - 1);

13. var seg = animal.slice(2, 6);

14. var realnum = num.length;

15. num = num2.slice(0, 1);

16. var num = numSum.length; var num2 = numSum.slice(1, num - 3);

17. var seg = athletes[3].slice(2, 3);

18. var nums = str.length; for (var i = 0; i < nums; i++) }

19. var animal = "elephant"; alert(animal.slice(0, 3));

20. var word = prompt("Enter a long word"); var wordLength = word.length; alert(word.slice(1, wordLength - 1));

Chapter 23

1. indexOf

2. lastIndexOf

3. 3

4. 16

5. var indexNum = speech.indexOf("be");

6. var indx = text.lastIndexOf("go")

7. var indx = text.indexOf(seg);

8. var first = name.indexOf("Jeff");

9. var last = name.lastIndexOf("Palmieri");

10. if (indexNum !== -1) {

11. alert(first.indexOf(name));

12. if (var2.indexOf(var1.slice(0, 3)) !== -1) {

13. var indx = text.indexOf(seg);

14. var first = name.indexOf("Jeff");

15. var last = name.lastIndexOf("Palmieri");

16. if (indexNum !== -1) {

17. alert(first.indexOf(name));

18. if (var2.indexOf(var1.slice(0, 3)) !== -1) {

19. var fullName = "Jeff Palmieri";

20. alert(fullName.indexOf("Palmieri"));

var fullName = "Jeff Palmieri";

alert(fullName.indexOf("Jeff"));

Chapter 24

1. charAt

2. c

3. []

4. str.length – 1

5. var firstChar = speech.charAt(0);

6. var cha = text.charAt(9);

7. var x = str.charAt(str.length - 1)

8. var x = str.charAt(0);

9. var cha = input.charAt(4);

10. var x = y.charAt(y.length - 1);

11. if (name.charAt(2) === "a") {

12. for (var i = 0; i < text.length; i++) {

textArray[i] = text.charAt(i);

}

13. var x = str.charAt(0);

14. var cha = input.charAt(4);

15. var x = y.charAt(y.length - 1);

16. if (name.charAt(2) === "b") {

17. for (var i = 0; i < text.length; i++) {

textArray[i] = text.charAt(i);

}

18. var combo = str1.charAt(0) + str2.charAt(str2.length - 1);

var name = "Jeff";

19. alert(name.charAt(0));

var name = "Jeff";

20. alert(name.charAt(name.length - 1));

Chapter 25

1. replace

2. "abc"

3. //g

4. "zbc abc"

5. name = name.replace("Khaldi", "Jojo");

6. var revisedReply = reply.replace("no", "yes");

7. reply = reply.replace(/no/g, "yes")

8. var newStr = str.replace("1", "one");

9. var newStr = str.replace(/1/g, "one");

10. a = a.replace("x", "y");

11. a = a.replace(/x/g, "y");

12. alert(direction.replace("up", "down"));

13. var newStr = str.replace("1", "one");

14. var newStr = str.replace(/1/g, "one");

15. a = a.replace("x", "y");

16. a = a.replace(/x/g, "y");

17. alert(direction.replace("up", "down"));

18. text = text.replace(/yours/g, "mine");

19. var message = "wowsers";

message = message.replace(“john”, “john”);

alert(message);

20. var message = "sharkrobot.com discount code beta";

message = message.replace(/beta/g, "alpha");

alert(message);

Chapter 26

1. Math.round

2. Math.ceil

3. Math.floor

4. 1

5. num = Math.round(num);

6. var roundNum = Math.ceil(origNum);

7. var roundNum = Math.floor(origNum);

8. var newNum = Math.round(firstNum);

9. var newNum = Math.floor(firstNum);

10. var newNum = Math.ceil(firstNum);

11. var newNum = Math.floor(.5);

12. var newNum = Math.ceil(.00001);

13. var newNum = Math.round(firstNum);

14. var newNum = Math.floor(firstNum);

15. var newNum = Math.ceil(firstNum);

16. var timedProblem = Math.floor(.5);

17. var secondTimedProblem = Math.ceil(.00001);

18. var lastTimedProblem = Math.floor(-1.1);

19. alert(Math.round(77.777777777));

20. alert(Math.floor(-99.99999999999999999));

Chapter 27

1. Math.random

2. ()

3. 1

4. 50

5. var num = Math.random();

6. var betterNum = (num \* 6) + 1;

7. var x = Math.floor(y);

8. var x = Math.random();

9. if (Math.random() > .5 ) {

10. var betterNumber = (firstnumber \* 10) + 1;

11. num = Math.floor(num);

12. var firstNum = Math.random();

var secondNum = (firstNum \* 6) + 1;

var finalNum = Math.floor(secondNum);

13. var programmin = Math.random();

14. var yay = (boo \* 10) + 1;

15. num = Math.floor(num);

16. var firstNum = Math.random();

var secondNum = (firstNum \* 6) + 1;

var finalNum = Math.floor(secondNum);

17. var num = Math.random();

num = num \* 10000000000000000;

18. var num = Math.random();

alert(num);

19. var num = Math.random();

var improvedNum = (num \* 3) + 1;

var finalNum = Math.floor(improvedNum);

alert(finalNum);

20. var randomNum = Math.random();

var improvedNum = (randomNum \* 3) + 1;

var finalNum = Math.floor(improvedNum);

alert(finalNum);

Chapter 28

1. parseInt

2. parseFloat

3. +

4. 5

5. var num = parseInt(numAsString);

6. price = parseFloat(price);

7. var tot = parseInt(x) + parseInt(x);

8. var newNum = parseInt(num);

9. var newNum = parseFloat(num);

10. num = parseInt(num);

11. alert(parseFloat(num1) + parseFloat(num2));

12. if (parseInt(num) > 1) {

13. var num = parseInt(newNum);

14. var num = parseFloat(newNum);

15. price = parseInt(price);

16. alert(parseFloat(num1) + parseFloat(num2));

17. if (parseInt(num) > 1) {

18. for (var i = parseInt(numString); i < 10; i++) {

19. var myAge = "19";

alert(parseInt(myAge) + parseInt(myAge));

20. var gasPrice = "2.77";

alert(parseFloat(gasPrice) + parseFloat(gasPrice));Chapter 29

1. Number

2. toString

3. ()

4. var sum = Number(num1) + Number(num2);

5. var sum = (num1 + num2).toString();

6. var num = Number(numAsString);

7. var numStr = num.toString();

8. var num = Number(myStr);

9. var myStr = num.toString();

10. var num = Number(string);

11. var string = num.toString();

12. if (Number(myString) > 1) {

13. var num = Number(myStr);

14. var myStr = num.toString();

15. var string = num.toString();

16. if (Number(myString) > 1) {

17. var number = Number(string);

18. var sum = Number(num1) + Number(num2);

19. var num1 = "1768";

alert(Number(num1) + Number(num1));

20. var num1 = 777

alert(num1.toString() + num1.toString());

Chapter 30

1. toFixed

2. string

3. 6

4. ()

5. var num = rawNum.toFixed(2);

6. var newNum = num.toFixed(4);

7. var newNum = num.toFixed();

8. var dec3 = n.toFixed(3);

9. var intgr = n.toFixed();

10. var newNum = num.toFixed(2);

11. num = num.toFixed();

12. n = Number(n.toFixed(2));

13. var dec3 = n.toFixed(3);

14. var myInteger = n.toFixed();

15. var newNum = num.toFixed(2);

16. num = num.toFixed();

17. num = Number(num.toFixed(2));

18. if (num.toFixed(2).length > 4) {

19. var num1 = 1.65786;

alert(num1.toFixed(2));

20. var num = 7.9543

alert(num.toFixed());

Chapter 31

1. Object

2. String

3. nD

4. 6

5. var now = new Date();

6. var dObj = new Date();

7. var dStr = new Date().toString();

8. var d = new Date();

9. var day = d.getDay();

10. var date = new Date();

11. var today = day.getDay();

12. dayNames[d]

13. var d = new Date();

14. var day = d.getDay();

15. var birthday = new Date();

16. var today = day.getDay();

17. dayNames[d]

18. if (now.getDay() === 4) {

19. var day = new Date();

alert(day.getDay());

20. var dayNames = ["Sun", "Mon", "Tue", "Wed","Thu",

"Fri", "Sat"];

var d = new Date();

var theDay = d.getDay();

alert(dayNames[theDay]);

Chapter 32

1. getDate

2. getFullYear

3. getTime

4. getMilliseconds

5. var mins = now.getMinutes();

6. var hrs = dObj.getHours();

7. var x = d.getDay();

8. alert(d.getFullYear());

9. if (now.getMonth() > 8) {

10. var secsSince = d.getTime() / 1000;

11. if (now.getHours() < 12) {

12. if (d.getMinutes() === 0 && d.getSeconds() === 0) {

13. var x = d.getDay();

14. alert(d.getFullYear());

15. if (now.getMonth() > 8) {

16. var secsSince = d.getTime() / 1000;

17. if (time.getHours() < 12) {

18. if (d.getMinutes() === 0 && d.getSeconds() === 0) {

19. var thisYear = new Date();

alert(thisYear.getFullYear());

20. var monthNames = ["Jan", "Feb", "Mar", "Apr","May",

"Jun", "Jul", "Aug", "Sep", "Oct", "Nov", "Dec"];

var date = new Date();

var theMonth = date.getMonth();

alert(monthNames[theMonth]);

Chapter 33

1. "January 1, 2000"

2. 12:00:00

3. getTime

4. 1000 \* 60 \* 60

5. var futureDate = new Date("October 30, 2099");

6. var later = new Date("December 31, 2020");

7. kissEnds = new Date("January 1, 2015 00:01:00");

8. var nineties = new Date("February 2, 1992");

9. var old = new Date("January 1, 1901 00:00:01");

10. alert(new Date("January 1, 1980").getTime());

11. var hrs = ticks / (1000 \* 60 \* 60);

12. if (ms / (1000 \* 60 \* 60 \* 24) > 30) {

13. var nineties = new Date("February 2, 1992");

14. var old = new Date("January 1, 1901 00:00:01");

15. alert(new Date("January 1, 1980").getTime());

16. var hrs = ticks / (1000 \* 60 \* 60);

17. if (ms / (1000 \* 60 \* 60 \* 24) > 30) {

18. var dayOfWeek = new Date("January 1, 1969").getDay();

19. var bday = new Date("July 27, 1997");

alert(bday.getHours() + " " + bday.getMinutes() + " " + bday.getSeconds());

20. var endMonth = new Date("March 31, 2018").getTime();

alert(Math.floor(endMonth / (1000 \* 60 \* 60 \* 24)));

Chapter 34

1. setFullYear

2. setMilliseconds

3. August

4. 500

5. startDate.setMonth(4);

6. stopDate.setDate(31);

7. deadline.setHours(0);

8. d.setMonth(1);

9. var millenium = new Date()

millenium.setFullYear(2000);

10. sec.setSeconds(59);

11. hr.setHours(23);

12. winter.setMinutes(0);

13. deadline.setHours(0);

14. d.setMonth(1);

15. millenium.setFullYear(2000);

16. sec.setSeconds(59);

17. hr.setHours(23);

18. winter.setMinutes(0);

19. var now = new Date();

var nowHours = now.getHours();

now.setHours(nowHours + 1);

alert(now);

20. var now = new Date();

var nowYear = now.getFullYear();

now.setFullYear(nowYear - 100);

alert(now);

Chapter 35

1. Function

2. Variable

3. f();

4. doSomething();

5. function warnUser() {

6. function displayAlert() {

7. function askName() {

var userName = prompt("Enter name");

}

8. function apple() {

9. function say() {

alert("Amer");

}

10. function concat() {

var combo = string1 + string2;

}

11. () {

12. function hi() {

hi();

}

13. doSomething();

14. function callAFunction() {

hi();

bye();

}

15. function askName() {

var userName = prompt("Enter name");

}

16. function getName() {

var userName = prompt("Enter name");

}

17. function concat() {

var combo = string1 + string2;

}

18. function hi () {

hi();

}

19. function words() {

alert("Hello world");

}

words();

20. function name() {

var userName = prompt("Enter name");

alert(userName);

}

name();

Chapter 36

1. Parameters

2. ,

3. Variables

4. Order

5. function doSomething(param1, param2, param3) {

6. displayAlert("Hello world");

7. function concat(a, b, c) {

8. makeAddress(city, "Texas", 24);

9. function strings(string1, string2) {

10. function concat(string1, string2) {

var strings = string1 + string2;

}

11. function calc(text, amount) {

12. function mult(a, b, c) {

var num = a \* b \* c;

}

13. x(a, b, c);

14. function doSomething(a, b, c) {

doSomething(d, e, f);

15. function concat(a, b, c) {

16. doSomething(var1, var2);

17. function nothing(param1) {

}

nothing(arg1);

18. function mult(a, b, c) {

var num = a \* b \* c;

}

19. var parj1 = "The medium ";

var parj2 = "is the message.";

displayIdiom(parj1, parj2);

function displayIdiom(parj1, parj2) {

alert(parj1 + parj2);

}

20. function addEm(num1, num2) {

var sum = num1 + num2;

alert("The sum is " + sum);

}

addEm(1546, 8793);

Chapter 37

1. Return

2. Variable

3. Variable

4. 1

5. function calcDiscount(amt, percentage) {

return amt - (amt \* percentage);

}

6. return total;

7. calc(addIt(merch, services));

8. var est = makeEst(empNum, calcBonus(10));

9. function multiply(num1, num2) {

return num1 \* num2;

}

10. var tot = getLoanAmt() + getInterest();

11. alert(combineStrings("Hello ", "everyone!"));

12. function totalUp(a, b, c) {

var tot = a + b + c;

if (tot > 0) {

return tot;

}

}

13. return total;

14. return merchTot + tax;

15. calc(addIt(merch, services));

16. var est = makeEst(empNum, calcBonus(10));

17. function multiply(num1, num2) {

return num1 \* num2;

}

18. var tot = getLoanAmt() + getInterest();

19. function computeInterest(principal, percentage) {

return principal \* percentage;

}

alert(computeInterest(5000, .11));

20. alert(concatFrags("It is ", "what it is."));

function concatFrags(frag1, frag2) {

return frag1 + frag2;

}

Chapter 38

1. Global

2. Local

3. Local

4. Scope

5. function concatWds(word1, word2) {

var text = word1 + word2;

return text;

}

var message = concatWds("Hello ", "Kitty");

6. var purchaseTotal;

7. function useless() {

var valueless;

}

8. var age = checkAge();

9. function makeVars() {

var firstVar;

var secondVar;

}

10. return total;

11. var globalVar = processNums(num1, num2);

12. function reckless() {

var safeVariable1;

var safeVariable2;

unsafeVariable = 10;

}

13. var purchaseTotal;

14. return total;

15. function doSomething(param1, param2) {

16. function

17. function makeVars() {

var firstVar;

var secondVar;

}

18. function reckless() {

var safeVariable1;

var safeVariable2;

unsafeVariable = 10;

}

19. function makeMessage(parj1, parj2) {

var message = parj1 + parj2;

return message;

}

var firstName = "Alexander";

var lastName = "Hamilton";

alert(makeMessage(firstName, lastName));

20. function calcTotal(num1, num2, num3) {

var total = num1 + num2 + num3;

return total;

}

alert(calcTotal(12, 24, 48));

Chapter 39

1. switch

2. if

3. switch

4. case

5.

switch(age) {

case 21 :

6. switch(population) {

7.

switch(city) {

case "Jacksonville" :

8. switch(someVariable) {

9.

switch(wowsers) {

case “john” :

10. case 195 :

11. case true :

12.

switch(condition) {

case false :

13. switch(pop)

14. switch(someVariable) {

15. case 195 :

16. case 100 :

17.

switch(city) {

case "Denver" :

18. switch(condition) {

case false :

19. switch(win) {

20.

switch(ZIP) {

case "10001" :

Chapter 40

1.

2. case

3. break;

4. }

5.

switch(age) {

case 21 :

alert("You're legal.");

break;

}

6.

legal = true;

break;

7.

case "Philadelphia" :

alert("Yo");

break;

case "Jacksonville" :

alert("Hi");

break;

8. default :

9.

switch(number) {

case 12 :

dozen = true;

break;

10.

default :

num = 1;

11. 3

12.

default :

meds = "none";

}

13.

legal = true;

break;

14.

case "Philadelphia" :

alert("Yo");

break;

case "Jacksonville" :

alert("Hi");

break;

15.

switch(number) {

case 12 :

dozen = true;

break;

16.

default :

num = 1;

17.

default :

meds = "none";

}

18.

case "baseball" :

players = 9;

break;

case "basketball" :

players = 5;

break;

}

19.

var num = 10;

switch(num) {

case 10 :

alert("Assigned");

break;

}

20.

switch(today) {

case 0 :

message = "Weekend!";

break;

case 6 :

message = "Weekend!";

break;

default :

message = "Weekday";

}

alert(message);​

Chapter 41

1. while (

2. {

3. for

4. }

5.

var i = 0;

while (i <= 5) {

alert(i);

i++;

}

6. while (i < 6) {

7.

total = total + i;

i++;

}

8. var i = 0;

9.

while (i <= 1) {

i++;

}

10.

while (i > 0) {

tot = tot + i;

i--;

}

11. while (i > 10) {

12.

var i = 0;

while (i < animals.length) {

if (animals[i] === "pig") {

alert("Found it!");

break;

}

i++;

}​

13. while (i < 6) {

14.

total = total + i;

i++;

}

15. var i = 0;

16.

while (i <= 1) {

i++;

}

17.

while (i > 0) {

tot = tot + i;

i--;

}

18.

var i = 0;

while (i < animals.length) {

if (animals[i] === "pig") {

alert("Found it!");

break;

}

i++;

}​

19.

var i = 0;

while (i <= 2) {

alert(i);

i++;

}

20.

var teams = ["Chiefs", "Bees", "Tigers", "Bears"];

var i = 0;

while (i < teams.length) {

if (teams[i] === "Tigers") {

alert("Tigers is at index " + i + " in the array.");

break;

}

i++;

}​

Chapter 42

1. }

2. ;

3. {

4. 1

5.

var i = 0;

do {

alert(i);

i++;

} while (i < 2);

6. do {

7.

do {

alert(i);

i++;

8. var i = 0;

9.

do {

i++;

} while (i <= 11);

10.

do {

tot = tot + i;

i--;

} while (i > 0);

11.

var j = 0;

do {

alert(j);

j++;

} while (j <= 10);

12.

var i = 0;

do {

if (animals[i] === "pig") {

alert("Found it!");

break;

}

i++;

} while (i < animals.length);

13. do {

14.

do {

alert(i);

i++;

15. var i = 0;

16.

do {

i++;

} while (i <= 11);

17.

do {

tot = tot + i;

i--;

} while (i > 0);

18.

var i = 0;

do {

if (animals[i] === "pig") {

alert("Found it!");

break;

}

i++;

} while (i < animals.length);

19.

var i = 0;

do {

alert(i);

i++;

} while (i <= 2);

20.

var teams = ["Chiefs", "Bees", "Tigers", "Bears"];

var i = 0;

do {

if (teams[i] === "Tigers") {

alert("Tigers is number " + i + " in the array.");

break;

}

i++;

}​ while (i < teams.length);Chapter 43

1. Between </p> and </body>

2. Between </p> and </body>

3. <script></script>

4. .js

5. <script src="scripts.js"></script>

6. <script>

7. <script src="scripts.js"></script>

8. </body>

9. </script>

10. allScripts.js

11. <script src="main.js"></script>

12. </body>

13. <script>

14. <script src="scripts.js"></script>

15. </body>

16. </script>

17. allScripts.js

18. <script src="main.js"></script>

19.

<script>

alert("wowsers");

</script>

20.

<script src="practice.js"></script>

<script>

goodLooking();

</script>

Chapter 44

1. //

2. /\*

3. \*/

4. // This is a comment

5.

/\*

This is an example of a comment block.

The browser ignores all text between the tags.

\*/

6. // No comment

7.

/\*

I'm learning to comment

by practicing commenting

\*/

8. // wowsers

9. alert("Hello world!"); // Greet the user

10.

/\*

This comment refers to

the code that follows

\*/

11. // a = a - 1;

12.

a = a - 1;

b = b + 1;

13. // No comment

14.

/\*

I am learning to comment

by practicing commenting

\*/

15. // A comment on 1 line

16. alert("Hello world!"); // Greet the user

17.

/\*

This comment refers to

the code that follows

\*/

18. // a = a - 1;

19. alert("Hello world!"); // Say hello to the user

20.

/\*

Say hello to the user assuming she's

an American who prefers informality

\*/

alert("Hi");

Chapter 45

1. <a href=

2. j1</a>

3. =""

4. onClick

5.

<a href="JavaScript:void(0)" onClick=

"alert('Hi');">Click</a>

6. <a href="JavaScript:void(0)" onClick="alert('Hi');">Click</a>

7. <a href="JavaScript:void(0)" onClick="alert('Hi');">Click</a>

8. onClick=

9. "JavaScript:void(0)"

10. <a href="JavaScript:void(0)" onClick=

11. "alert('Hi');">Click</a>

12. <a href="JavaScript:void(0)" onClick="myFunc();">Click</a>

13. onClick

14. onClick="myFunc();">

15. "JavaScript:void(0)"

16. <a href="JavaScript:void(0)" onClick=

17. "alert('Hi');">Are you there?</a>

18. <a href="JavaScript:void(0)" onClick="myFunc();">Click</a>

19. <a href="JavaScript:void(0)" onClick="alert('Hello world!');">Say hello</a>​

20. <a href="JavaScript:void(0)" onClick="greet();">Say hello</a>​

Chapter 46

1. <input type="button"

2. value="Click"

3. onClick="myFunc();">

4. <img src="but.gif"

5. <input type="button" value="Click" onClick="myFunc();">

6. <input type="button" value="Say hi" onClick="alert('Hi');">

7. <input type="button" value="Click" onClick="doSomething();">

8. value="Say hi" onClick="alert('Hi');">

9. <input type="button" value="Click" onClick="doIt();">

10. <img src="click.png"

11. <img src="click.png" onClick="alert('You clicked the pic');">

12. <img src="pic.gif" onClick="doIt();">

13. onClick="myFunc();">

14. <img src="but.gif"

15. value="Say hi" onClick="alert('Hi');">

16. <input type="button" value="Click" onClick="doIt();">

17. <img src="pic.gif" onClick="doIt();">

18. <input type="button" value="add" onClick="x=true;">

19. <input type="button" value="Say hello" onClick="alert('Hello!');">

20. <input type="button" value="Say hello" onClick="greet();">

Chapter 47

1. onMouseover

2. onMouseout

3. onMouseover="src='2.png'">

4. onMouseout="gone();"

5. <a href="index.html" onMouseover="alert('Takes you back to home page');">Home</a>

6. <p onMouseover="expand();">

7. <img src="1.png" onMouseover="src='2.png'">

8. <h2 onMouseover="expand();">More</h2>

9. <p onMouseout="gone();">

10. <input type="button" value="Panic" onMouseover="alert('Eeek!');">

11. <a href="index.html" onMouseover="this.style.color='red';">

12. <img src="pic1.gif" onMouseover="src='pic2.gif'" onMouseout="src='pic1.gif'">

13. onMouseover="src='2.png'">

14. onMouseout="gone();"

15. <p onMouseover="expand();">

16. <img src="1.png" onMouseover="src='2.png'">

17. <h2 onMouseover="expand();">More</h2>

18. <p onMouseout="gone();">

19. <input type="button" value="Say hello" onMouseover="alert('Hello!');">

20. <input type="button" value="Say hello" onMouseover="alert('Hello!');">

Chapter 48

1. onFocus

2. onBlur

3. onFocus=

4. onBlur="gone();">

5. <input type="text" onFocus="this.style.backgroundColor = 'yellow';">

6. <input type="text" onFocus="doIt();">

7. <input type="text" onFocus="this.style.backgroundColor = 'yellow';">

8. <input type="text" onFocus="myFunction();">

9. <input type="text" onBlur="myFunction();">

10. <input type="text" onFocus="this.style.backgroundColor = 'yellow';">

11. <input type="text" onBlur="this.style.backgroundColor = 'white';">

12. <input type="text" onFocus="colorField();" onBlur="uncolorField();">

13. onFocus=

14. onBlur="gone();">

15. <input type="text" onFocus="doIt();">

16. <input type="text" onFocus="this.style.backgroundColor = 'yellow';">

17. <input type="text" onFocus="myFunction();">

18. <input type="text" onBlur="myFunction();"

19. <input type="text" onFocus="this.style.backgroundColor = 'yellow';">

20. <input type="text" onFocus="this.style.backgroundColor = 'yellow';">

Chapter 49

1. onSubmit

2. form

3. document

4. getElementById

5. var userAge = document.getElementById("age").value;

6. var userAge = document.getElementById("age").value;

7. var userCity = document.getElementById("city").value;

8. if (document.getElementById("pet").value === "dog") {

9. <form onSubmit="chkForm();">

10. var userAge = document.getElementById("age").value;

11. <form onSubmit="myFunc('age');">

12. if (document.getElementById("state").value === "Idaho") {

13. document

14. getElementById

15. <form onSubmit="chkForm();">

16. var userAge = document.getElementById("age").value;

17. <form onSubmit="myFunc('age');">

18. if (document.getElementById("state").value === "Idaho") {

19. <form onSubmit="sayHi();">

20. if (document.getElementById("whichPet").value === "dog") {Chapter 50

1. document.getElementById("age").value = "21";

2. document.getElementById("age").value = defaultAge;

3. document.getElementById("age").value = "";

4. <input type="text" id="age">

5.

if (isPhysician === true) {

document.getElementById("title").value = "Dr.";

}

6.

default :

document.getElementById("name").value = "Biff";

7.

if (married === false) {

document.getElementById("status").value = "available";

}

8. document.getElementById("code").value = parj1 + parj2;

9. document.getElementById(storedFieldId).value = "212";

10.

document.getElementById("field1").value =

document.getElementById("field2").value;

11.

if (document.getElementById("lastName").value === "") {

document.getElementById("lastName").value = "Doe";

}

12.

if (married === false) {

document.getElementById("status").value = "available";

}

13. document.getElementById("age").value = "21";

14. document.getElementById("age").value = defaultAge;

15. document.getElementById("age").value = "";

16. document.getElementById("code").value = parj1 + parj2;

17. document.getElementById(storedFieldId).value = "212";

18.

document.getElementById("field1").value =

document.getElementById("field2").value;

19.

function fill() {

document.getElementById("f").value = "Canada";

}

20.

function fillStatus() {

if (document.getElementById("married").value === "no") {

document.getElementById("status").value = "available";

}

}

Chapter 51

1. innerHTML

2. var txt = document.getElementById("div1").innerHTML;

3. document.getElementById("paragraph3").innerHTML = "";

4. document.getElementById("greetParagraph").innerHTML = "Hello, world!";

5.

var textToPlace = "Hello world!";

document.getElementById("greetParagraph").innerHTML = textToPlace;

6. document.getElementById("smalltalk").innerHTML = "blah-blah-blah";

7.

var answer = "No";

document.getElementById("yesOrNo").innerHTML = answer;

8. document.getElementById("code").innerHTML = "The answer is " + parj2;

9. document.getElementById(storedId).innerHTML = "212";

10.

document.getElementById("p1").innerHTML = document.

getElementById("field1").value;

11.

if (document.getElementById("div1").innerHTML === "") {

document.getElementById("div1").innerHTML = "Something";

}

12. document.getElementById("p1").innerHTML = "This <em>is</em> it";

13. document.getElementById("paragraph3").innerHTML = "";

14. document.getElementById("age").innerHTML = divText;

15. document.getElementById("smalltalk").innerHTML = "blah-blah-blah";

16. document.getElementById("code").innerHTML = parj1 + parj2;

17. document.getElementById(storedDivId).innerHTML = "212";

18.

document.getElementById("paragraph1").innerHTML =

document.getElementById("field1").value;

19.

function showAlert() {

var content = document.getElementById("p1").innerHTML;

alert(content);

}

20.

function showAnswer() {

document.getElementById("p1").innerHTML = "4";

}

Chapter 52

1. document.getElementById

2. className

3. +=

4.

5. document.getElementById("div1").className = "hot";

6. document.getElementById("p60").className = "special";

7. document.getElementById("important").className += " big";

8. document.getElementById("quote").className = "indent";

9. document.getElementById("summary").className += " highlight";

10. document.getElementById("graph1").className = "big";

11. document.getElementById("intro").className += " special";

12. <img src="cat.png" id="pic1" onClick="enlarge();">

13. document.getElementById

14. className

15. +=

16. document.getElementById("quote").className = "indent";

17. document.getElementById("summary").className += " highlight";

18. document.getElementById("graph1").className = "big";

19.

function boldIt() {

document.getElementById("p1").className = "black";

}

20.

function addBackground() {

document.getElementById("head1").className += " blackGround";

}

Chapter 53

1. document.getElementById

2. .src = "after.png";

3. <img src="before.png" id="pic1" onClick="swapPic();">

4. document.getElementById(picId).src = nextPic;

5. document.getElementById(picID).src = nextPic;

6. document.getElementById("slide0").src = "cat.jpg";

7. <img src="ford.jpg" id="car" onClick="swap(id, 'bmw.jpg');">

8. document.getElementById("pic1").src = "ant.png";

9. <img src="ant.jpg" id="pic1" onFocus="swap();">

10. document.getElementById("pic1").src = "field.jpg";

11. <img src="bee.png" id="insect" onClick="newPic(id, 'ant.png');">

12.

function changePic(picId, newPic) {

document.getElementById(picId).src = newPic;

}

13. .src = "after.png";

14. <img src="before.png" id="pic1" onClick="swapPic();">

15. document.getElementById(picId).src = nextPic;

16. document.getElementById("pic1").src = "ant.png";

17. <img src="ant.jpg" id="pic1" onFocus="swap();">

18. document.getElementById("pic1").src = "field.jpg";

19.

function swap() {

document.getElementById("i0").src = "janice-after.jpg";

}

20.

function swap(picId, newPic) {

document.getElementById(picId).src = newPic;

}

Chapter 54

1. var pgraph = document.getElementById("p1");

2. var pClass = pgraph.className;

3. classPic.src = "pic2.gif";

4. e.className += " special";

5.

var picToReplace = document.getElementById(picID);

picToReplace.src = nextPic;

6.

var p = document.getElementById("slide0");

p.src = "cat.jpg";

7.

var lnk = document.getElementById("link3");

lnk.href = newURL;

8.

var p = document.getElementById("pic1");

p.src = "ant.png";

9.

var h = document.getElementById("head9");

var c = h.className;

10.

var pic = document.getElementById("pic1");

pic.className = "floatLeft";

11.

var e = document.getElementById(eId);

e.className = newClass;

12.

function changePic(picId, newPic) {

var pic = document.getElementById(picId);

pic.src = newPic;

}

13. var pgraph = document.getElementById("p1");

14. var pClass = pgraph.className;

15. classPic.src = "pic2.gif";

16. e.className += " special";

17.

var p = document.getElementById("pic1");

p.src = "ant.png";

18.

var h = document.getElementById("head9");

var c = h.className;

19.

function swap() {

var pic = document.getElementById("i0");

pic.src = "janice-after.jpg";

}

20.

function swap(picId, newPic) {

var pic = document.getElementById(picId)

pic.src = newPic;

}

Chapter 55

1. .style.fontSize = "24px";

2. .style.cssFloat = "right";

3. document.getElementById("d1").style.visibility = "visible";

4. document.getElementById("e12").style.margin = "10px 0 20px 0";

5.

var element = document.getElementById("terms");

if (element.className === "important") {

element.style.fontWeight = "bold";

}

6.

var p = document.getElementById("slide0");

p.style.borderWidth = "2px";

7.

var lnk = document.getElementById("link3");

lnk.style.color = "purple";

8.

var p = document.getElementById("pic1");

p.style.visibility = "hidden";

9.

var h = document.getElementById("head9");

h.style.fontSize = "2em";

10. e.style.fontFamily = serifFamily;

11. e.style.borderColor = "#2a9c3b";

12. var bg = div7.style.backgroundColor;

13. .style.fontSize = "24px";

14. .style.cssFloat = "right";

15. document.getElementById("d1").style.visibility = "visible";

16. document.getElementById("e12").style.margin = "10px 0 20px 0";

17.

var p = document.getElementById("pic1");

p.style.visibility = "hidden";

18.

var h = document.getElementById("head9");

h.style.fontSize = "2em";

19.

function chgSize() {

var pgraph = document.getElementById("p1");

pgraph.style.fontSize = "2em";

}

20.

function makeBorder() {

var pic = document.getElementById("jan");

pic.style.border = "thick solid red";

}

Chapter 56

1. .getElementsByTagName

2. imgLst[0];

3. listOfParagraphs.length;

4. var bigHeads = document.getElementsByTagName("h1");

5.

var headings = document.getElementsByTagName("h2");

for (var i = 0; i < headings.length; i++) {

headings[i].className = "special";

}

6. var oLists = document.getElementsByTagName("ol");

7. var pgraphs = document.getElementsByTagName("p");

8. var pics = document.getElementsByTagName("img");

9. var numbrPgraphs = document.getElementsByTagName("p").length;

10. var linkList = document.getElementsByTagName("a");

11. var thirdE = eList[2];

12.

for (var i = 0; i <= 2; i++) {

eList[i].className = "indented";

}

13. var pics = document.getElementsByTagName("img");

14. var numbrPgraphs = document.getElementsByTagName("p").length;

15. var linkList = document.getElementsByTagName("a");

16. var thirdE = eList[2];

17.

for (var i = 0; i <= 2; i++) {

eList[i].className = "indented";

}

18.

if (eList[lastElementIndex].className === "special") {

eList[lastElementIndex].className = "normal";

}

19. var pgraphs = document.getElementsByTagName("p");

20. alert(pgraphs[2].innerHTML);

Chapter 57

1. contentDiv.

2. contentDiv.getElementsByTagName("img");

3. elementList[8]

4. var links = keyParagraph.getElementsByTagName("a");

5.

var keyDiv = document.getElementById("div5");

var subDivs = keyDiv.getElementsByTagName("div");

6. var numberedItems = bigList.getElementsByTagName("li");

7. var headers = bigTable.getElementsByTagName("th");

8. var ps = d.getElementsByTagName("p");

9. var pics = d.getElementsByTagName("img");

10. var numI = l.getElementsByTagName("li");

11. var cells = t.getElementsByTagName("td");

12.

for (var i = 0; i <= 2; i++) {

contents[i] = paragraphList[i].innerHTML;

}

13. contentDiv.getElementsByTagName("img");

14. var ps = d.getElementsByTagName("p");

15. var pics = d.getElementsByTagName("img");

16. var numI = l.getElementsByTagName("li");

17. var cells = t.getElementsByTagName("td");

18.

for (var i = 0; i <= 2; i++) {

contents[i] = paragraphList[i].innerHTML;

}

19.

var targetDiv = document.getElementById("justRight");

var pgraphs = targetDiv.getElementsByTagName("p");

20.

var targetTable = document.getElementById("cuteness");

var cells = targetTable.getElementsByTagName("td");

for (var i = 0; i < cells.length; i++) {

cells[i].style.backgroundColor = "yellow";

}

Chapter 58

1. DOM

2. Document Object Model

3. document

4. <html>

5. <head>

6. browser

7. nodes

8. 5

9. element

10. 3

11. text

12. document

13. text

14. 6

15. 4

16. <html>

17. <body>

18. element

19. document

20. text

Chapter 59

1. child

2. parent

3. siblings

4. <html>

5. <html>

6. document

7. text

8. <p>

9. <h3>

10. <p>

11. <h3>

12. <p>

13. <head> <body>

14. <body>

15. <p> <p> <div>

16. <em>

17. <em>

18. <li>

19. <th>

20. 1

Chapter 60

1. .childNodes[0];

2. b.childNodes[1].childNodes[3];

3. var p = d.childNodes[2];

4. "God."

5. var e1 = document.childNodes[0].childNodes[1].childNodes[0];

6. var pgraphText = d.childNodes[1].innerHTML;

7.

var e1 = document.childNodes[0].childNodes[0].

childNodes[0];

8. var txt = divP.childNodes[1].innerHTML;

9. var n = d.childNodes[0].childNodes[1];

10.

var e = document.getElementById("div3");

var c = e.childNodes[8];

11. childNodes[0].childNodes[0].childNodes[0];

12. var lastElement = d.childNodes[3];

13. .childNodes[0];

14. b.childNodes[1].childNodes[3];

15. var p = d.childNodes[2];

16. "God."

17. var n = d.childNodes[0].childNodes[1];

18.

var e = document.getElementById("div3");

var c = e.childNodes[8];

19. childNodes[0].childNodes[0].childNodes[0];

20. var lastElement = d.childNodes[3];