**Answers to Odd-Numbered Review Questions**

## Chapter 5 :

|  |  |
| --- | --- |
| 1. | counter |
| 3. | continue |
| 5. | inner |
| 7. | False |
| 9. | True |
| 11. | True |
| 13. | True |
| 15. | False |
| 17. | function average()  {  var **sum** = 0; var **avg** = 0; var **num** = 0; var **i** = 0;  for (**i** = 1; **i** < 7; **i**++)  {  **num** = parseFloat(prompt("Enter a number:");  **sum** = **sum** + **num**;  }  **avg** = **sum**/6;  } |
| 19. | function posNeg()  {  var **result** = ""; var **num** = 0;  **num** = parseFloat(prompt("Enter a number to check or  enter 999999 to quit:");  while(**num** != 9999999)  {  if(**num** > 0)  **result** = "positive";  else if (**num** < 0)  **result** = "negative";  else **result** = "0";  document.write(**num** + " is " + **result**);  **num** = parseFloat(prompt("Enter a number to check or  enter 999999 to quit:");  }  } |
| 21. | function bySevens()  {  for (var **i** = 1; **i** < 501; **i**++)  {  if((**i** /7 != parseInt(**i** /7))  continue;  document.write(**i** + " ");  }  } |
| 23. | 0 1 3 6  2 3 5 8  4 5 7 10 |
| 25. | function loopIt()  {  var **k** = 0; var **m** = 0; var **p** = 0;  for(**k** = 0; **k** < 6; **k**+=2)  {  **m** = **k**; **p** = 0;  while(**p** < 5)  {  **m** = **m**+**p**;  document.write(**m** + " ");  **p** = **p** + 1;  }  document.write("<br />");  }  } |
| 27. | three times |
| 29. | function shapeIt()  {  for(var **i** = 1; **i** < 8; **i**++)  document.write("\*");  for(var **j** = 1; **j** < 6; **j**++)  document.write("<br />\* \* \*<br />");  for(var **i** = 1; **i** < 8; **i**++)  document.write("\*");  } |