Quiz 1 – Chapters 1-7 and Notes

# Multiple Choice:

1. A
2. A
3. C
4. C
5. A
6. D
7. A
8. A
9. B
10. B
11. A
12. D
13. B
14. B
15. A

# Short Answer:

1. The loop executes 59 times.

char letters[2][2] = { {'x','x'},{'x','x'} };

int scores[3][3] = { { 92,87,91 },{ 88,72,93 },{ 100,94,97 } };

int sum = 0;

for (int i = 0; i <= 2; i++)

for (int j = 0; j <= 2; j++)

sum = sum + scores[i][j];

cout << sum << endl;

for (int outer = 1; outer <= 3; outer = outer + 1)

{

for (int inner = 1; inner <= 5; inner = inner + 1)

cout << "\*";

cout << endl;

}

int x = 3;

switch (x)

{

case 1:

cout << "one" << endl;

break;

case 2:

cout << "two" << endl;

break;

case 3:

cout << "three" << endl;

break;

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <time.h>

using namespace std;

int main()

{

int randomnumber = 0;

srand(time(NULL));

randomnumber = rand() % 16;

randomnumber = randomnumber + 135;

cout << randomnumber << endl;

return 0;

}

void getAge(int &age)

{

cout << "What is your age?\n Enter it here: " << endl;

cin >> age;

cout << "\nYour age is :" << age << endl;

}

1. To fix this, just add a parenthesis .

int x;

for (x = 1; x <= 7; x++)

if (x != 3)

cout << x << " ";

}

cout << endl << "The final value of x is: " << x << endl;

1. .

void swap(int &a, int &b, int &c)

{

a = a + b;

b = a - b;

a = a - b;

a = a + c;

c = a - c;

a = a - c;

}

# Problem 26.

//Hopscotch.cpp

#include <iostream>

#include <iomanip>

using namespace std;

void hopscotch(int hops);

int main()

{

int value;

cout << "Enter number of hops: ";

cin >> value;

hopscotch(value);

return 0;

}

void hopscotch(int hops) {

for (int i = 1; i <= hops \* 3 + 1; i++) {

if (i % 3 == 1)

cout << setw(3) << i << endl;

else if (i % 3 == 2)

cout << setw(2) << i;

else

cout << setw(4) << i << endl;

}

}