* Given the following code fragment and the input value of 4.0, what output is generated?

float tax;

float total;

cout << "enter the cost of the item\n";

cin >> total;

if ( total >= 3.0)

{

tax = 0.10;

cout << total + (total \* tax) << endl;

}

else

{

cout << total << endl;

}

* 3
* 3.3
* 4.0
* 4.4
* Given the following code fragment and the input value of 2.0, what output is generated?

float tax;

float total;

cout << "enter the cost of the item\n";

cin >> total;

if ( total >= 3.0)

{

tax = 0.10;

cout << total + (total \* tax) << endl;

}

else

{

cout << total << endl;

}

* 2.2
* 2.0
* 3.1
* 4.4
* Given the following code fragment, and an input value of 3, what is the output that is generated?

int x;

cout <<"Enter a value\n";

cin >> x;

if(x=0)

{

cout << "x is zero\n";

}

else

{

cout << "x is not zero\n";

}

* x is zero
* x is not zero
* unable to determine
* x is 3
* Given the following code fragment, what is the output?

int x=5;

if( x > 5)

cout << "x is bigger than 5. ";

cout <<"That is all. ";

cout << "Goodbye\n";

* x is bigger than 5. That is all
* x is bigger than 5
* That is all. Goodbye
* Goodbye

5. Write in C++ code:

score is between 50 and 60 inclusive

int score;

cout << "What is your test score? ";

cin >> score;

if (score>=50 && score<=60)

6. Write in C++ code:

y is equal to –5 or 5

y==-5 && y==5

7. What is the output for the following code segment:

int a = 1;

int b = 5;

if (a + b < 6)

cout << a;

else

cout << b;

cout << a + b;

This uses the else because the answer is not less than 6: cout<<a+b

8. What is the output for the following code segment:

int p, q, r;

p = 10;

q = 3;

r = -2;

if ((p + q) < 14 && (r < q – 3))

cout << r;

else

cout << p;

cout<<p;

9. What is the output for the following code segment:

int x = 7;

int y = 4;

if ((x = = y) || (y < 6)) {

x = x + 1;

cout << x;

}

if (x = = 7)

y = y + 1;

cout << y;

10. What is the output of the following code:

int a = 6, b = 4;

if (a + b < 10)

a = 5;

else

a = a + 1;

a = a + 2;

cout << a;

a) 9

b) 6

c) 7

d) 5

11. What is the value of p after the following code executes:

int p = 3, q = 5;

if (( p > q) || (p != 4))

p = p + 1;

else

p = p – 1;

p = p \* 2;

a) 4

b) 3

c) 8

d) 6

12. What is the output of the following code:

int r = 3, s = 2, t = 4;

if ((r = = 4) || !(s < t))

r = r – 1;

else

r = r \* 2;

r = r + t;

cout << r;

a) 6

b) 10

c) 5

d) 4

13. What is the output of the following code:

int x = 5;

int y = 8;

if (x != 5)

{

y = 7;

x = x + y;

}

else

{

y = 4;

x = x – y;

}

cout << x;

a) 13

b) -3

c) 12

d) 1