

Object Oriented Programming-1

Fall 2021

Quiz-1

Solution

Multiple Choice Questions(Correct answers are marked with red color)

1. Which of the following statements is wrong:
(i)Mes=123.56; (ii) con='T' * 'A'; (iii) This='T'*20; **(iv) 3+a=b;**

2. Keywords are case sensitive.(**True**/ False) .

3. The if-else statement requires integral values in its expression.(**True**/**False**)

4. There can more than one default case in the switch-case statement. (**True**/**False**)

5. Keywords are not case sensitive.(**True**/ **False**)

6. There can be only one default case in the switch-case statement. (**True**/False)

Output Based Questions

```
#include<iostream>
using namespace std;
int main()
{int a = 0, b = 3, c = 4;
if(a==b<c) //a=1 (because b<c is true)(condition will be true)
{
    c++;//c=5
    a--;//a=0
    ++b;//b=4
cout << a << endl << b << endl << c << endl;
    system("pause");
    return 0;
}
```

Answer: 0

- 4
- 5

```
#include<iostream>
using namespace std;
int main()
{ int i = 4, z = 12;
if (i = 5 || z > 50) //z>50=false but i=5 is true
{
cout << "I Love Programming " << endl;
}
    system("pause");
    return 0;
}
```

Answer: I Love Programming

```
#include<iostream>
using namespace std;
int main()
{ float a = 12.25, b = 12.52;
if (a = b) //this is assignment and it will always be true
{
    cout << "a and b are equal " << endl;
}
    system("pause");
    return 0;
}
```

Answer: a and b are equal

```
#include<iostream>
using namespace std;
int main()
{ int i = 4, j = -1, k = 0, w, x, y, z;
    w = i || j || k; //i||j=1 so w=1
    x = i&&j&&k; //j&&k=0 so x=0
    y = i || j && k; //i||j=1 so y=1
    z = i &&j || k; //i&&j=1 so z=1
    cout << w << endl;
    cout << x << endl;
    cout << y << endl;
    cout << z << endl;
    system("pause");
    return 0;
}
```

Answer:1

- 0
- 1
- 1

```
#include<iostream>
using namespace std;
int main()
{char spy = 'a', password = 'z';
 if (spy == 'a' OR password == 'z')
 {
     cout << "PROTECT YOURSELF WITH MASK" << endl;
 }    system("pause");
return 0;
}
```

Answer: Error because of OR in C++ we do not have OR

```
#include<iostream>
using namespace std;
int main()
{ int x = 3, y = 8, z;
    z = (y--, y + x / 2);
    cout << z << endl;//(z=y+x/2 ,y=7 x=3,x/2=1 so y+x/2=7+1=8
    z = y++, 10;// (z=y, y=7 so z=7)
    cout << z << endl;    system("pause");
    return 0;
}
```

Answer: 8

7

```
#include<iostream>
using namespace std;
int main()
{ int a=6;
switch (a /2 + 5)
{case 1: cout << "C++ Programming" << endl;      break;
case 2: cout << "Easy to Program" << endl;
          break;
case 3: cout << "switch is easy " << endl;
          break;
}
system("pause");
```

Answer : NOTHING OR NO OUTPUT OR BLANK SCREEN because (a/2+5=8 and there is no case for 8)