

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)