

Quiz: Advanced look Inner classes and Interfaces

```
class Egg2 {  
    public static void print(String x){System.out.println(x);}  
    protected class Yolk {  
        public Yolk() { print("Egg2.Yolk()"); }  
        public void f() { print("Egg2.Yolk.f()");}  
    }  
    private Yolk y = new Yolk();  
    public Egg2() { print("New Egg2()"); }  
    public void insertYolk(Yolk yy) { y = yy; }  
    public void g() { y.f(); }  
}  
public class BigEgg2 extends Egg2 {  
    public class Yolk extends Egg2.Yolk {  
        public Yolk() { print("BigEgg2.Yolk()"); }  
        public void f() { print("BigEgg2.Yolk.f()"); }  
    }  
    public BigEgg2() { insertYolk(new Yolk()); }  
    public static void main(String[] args) {  
        Egg2 e2 = new BigEgg2();  
        e2.g();  
    }  
}
```



1. Give the output

```
import static net.mindview.util.Print.*;
```

```
class Egg {  
    private Yolk y;  
    protected class Yolk {  
        public Yolk() { print("Egg.Yolk()"); }  
    }  
    public Egg() {  
        print("New Egg()");  
        y = new Yolk();  
    }  
}
```



```
public class BigEgg extends Egg {  
    public class Yolk {  
        public Yolk() { print("BigEgg.Yolk()"); }  
    }  
    public static void main(String[] args) {  
        new BigEgg();  
    }  
}
```

2. Give the output

```

class A{
    class B{
        class C{}
    }
    public static void main(String[] args){
        //code
    }
}

```



3. Give the code necessary to create a C object in main()

```

class X {
    int z = 5;
    static class Y{
        public int getZ(){return z;}
    }
    public static void main(String[] args){
        //code
    }
}

```



4. What is there an error in the code above?
5. If the error was removed in the above code, give the code to create a Y object

