

## COMP 2522 - Winter 2024 - Quizz 3

Note : I put one page per question but the answer can be very short for some of them.

1. Give the output for the code below as is (note line 18 commented out) (2 marks)

```
1 public class CoolException{
2     void f() throws Exception{
3         throw new Exception();
4     }
5
6     void bar() throws Exception{
7         throw new Exception();
8     }
9
10    void foo() throws Exception{
11        System.out.println("starting foo()");
12        try{
13            System.out.println("in try before f()");
14            f();
15            System.out.println("in try after f()");
16        } catch (Exception e) {
17            System.out.println("exception occurred");
18            // bar();
19        }
20        System.out.println("end of foo");
21    }
22
23    public static void main(String[] args){
24        CoolException c = new CoolException();
25        try{
26            c.foo();
27        } catch (Exception e) {
28            System.out.println("main caught exception");
29        }
30    }
31 }
```

Answer :

2. Give the output for the question 1 if the commented-out code was no longer commented out.  
(2 marks)

Answer :

3. Give the output of the code below. (4 marks)

```
1 class Shape{
2     public void draw(){
3         System.out.println("drawing shape");
4     }
5     public Shape(){
6         System.out.println("creating shape");
7         draw();
8     }
9 }
10
11 class Rectangle extends Shape{
12     int w = 9;
13     int h = 15;
14     public void draw(){
15         System.out.println("drawing rectangle size = "+w+" "+h);
16     }
17
18     public Rectangle(int width, int height){
19         System.out.println("creating shape");
20         System.out.println("width = "+w);
21         System.out.println("height = "+h);
22         w = width;
23         h = height;
24     }
25 }
26
27 public class Drawing{
28     public static void main(String[] args){
29         Shape s = new Rectangle (100,200);
30     }
31 }
```

Answer :