

1. Define a method `public void setRadius(double r)` that sets the radius of a circle object. It throws built-in `IllegalArgumentException` when the value of `r` is negative. Also, modify the method header to indicate that it may throw an Exception. [8]
2. Describe usage of finally keywords. [6]
3. Refine the following method using Generics so that it can accept any object of `GeometricObject` or its subclasses. The subclasses of `GeometricObject` are `Circle`, `Rectangle` and `Triangle`. [6]

```
public static void print(Rectangle[] list) {  
    for (int i = 0; i < list.length; i++)  
        System.out.println(list[i].getColor());  
}
```