

```
package com.how2do.exception;
```

```
public class ExceptionEx {
```

```
    public static void main(String[] args) {  
        System.out.println("Simple try catch");  
        try {
```

```
            } catch (Exception e) {  
                // TODO: handle exception  
            }
```

```
        System.out.println("try with multiple catch");
```

```
        try {  
            } catch (ArrayIndexOutOfBoundsException e) {  
            } catch (Exception y) {  
            }  
        }
```

```
        System.out.println("try catch and finally");  
        try {
```

```
            } catch (Exception e) {  
            } finally {  
            }  
        }
```

```
        System.out.println(" two try-catch blocks one after the other");  
        try {
```

```
            } catch (Exception e) {  
            }  
        }  
        try {
```

```
            } catch (Exception e) {  
            }  
        }
```

```
        System.out.println("try with finally");
```

```
        try {  
            } finally {  
            }  
        }  
        System.out.println(" try-catch-finally block with multiple catch blocks");  
        try {
```

```
            } catch (ArithmeticException e) {
```

```

} catch (Exception e) {

} finally {

}
System.out.println("nested try-catch blocks");
try {
    try {

    } catch (Exception e) {

    }
} catch (Exception e) {

}
System.out.println("try-catch block with a nested try-catch block in catch block");
try {

} catch (Exception e) {
    try {

    } catch (Exception y) {

    }
}

System.out
.println("try-catch block followed by a finally block, which itself contains a nested try-catch block");
try {

} catch (Exception e) {

} finally {
    try {

    } catch (Exception e) {

    }
}
}
}

```