

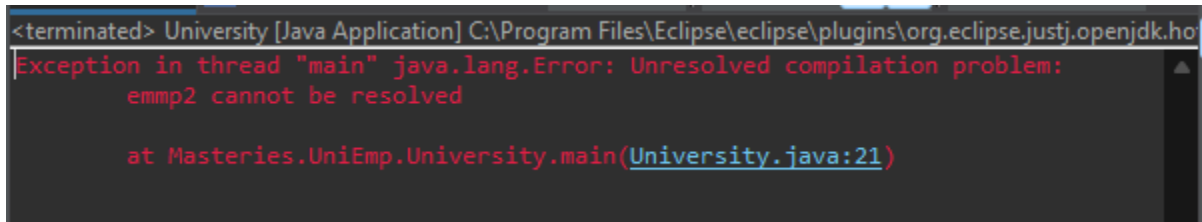
Credit Name: Chapter 8

Assignment Name: University Mastery

Name: Grayson Ardron

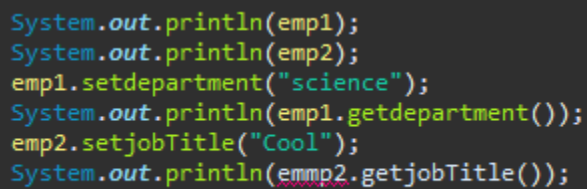
Error Log

The error that was thrown was this

A screenshot of the Eclipse IDE's error log window. The window title is "<terminated> University [Java Application] C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full\jre\bin\java.exe". The log contains the following text: "Exception in thread \"main\" java.lang.Error: Unresolved compilation problem: emmp2 cannot be resolved at Masteries.UniEmp.University.main(University.java:21)". The variable name "emmp2" is underlined in red, indicating it is unresolved.

```
<terminated> University [Java Application] C:\Program Files\Eclipse\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full\jre\bin\java.exe
Exception in thread "main" java.lang.Error: Unresolved compilation problem:
    emmp2 cannot be resolved
    at Masteries.UniEmp.University.main(University.java:21)
```

And the issue was found to be a misspelled variable

A screenshot of a Java code editor showing several lines of code. The line "System.out.println(emmp2.getjobTitle());" has the variable "emmp2" underlined with a red squiggly line, indicating a compiler error. The other lines of code are: "System.out.println(emp1);", "System.out.println(emp2);", "emp1.setdepartment(\"science\");", "System.out.println(emp1.getdepartment());", and "emp2.setjobTitle(\"Cool\");".

```
System.out.println(emp1);
System.out.println(emp2);
emp1.setdepartment("science");
System.out.println(emp1.getdepartment());
emp2.setjobTitle("Cool");
System.out.println(emmp2.getjobTitle());
```

Easy fix

```
package Masteries.UniEmp;

import java.util.Scanner;

public class University {

    public static void main(String[] args)
    {
        Faculty emp1 = new Faculty("Bob", "Smith ", 100000, "Nuclear sciences" );
        Staff emp2 = new Staff("Shaquel", "Amor ", 2000 ,", Janitor");

        Scanner input = new Scanner(System.in);

        System.out.println(emp1);
        System.out.println(emp2);
        emp1.setdepartment("science");
        System.out.println(emp1.getdepartment());
        emp2.setjobTitle("Cool");
        System.out.println(emp2.getjobTitle());
    }
}
```