

Error Log

Exercise 3:

Error 1:

1:

“;” expected

2:

Didn't compile correctly

3:

Didn't finish the lines of code

4:

```
// Online Java Compiler
// Use this editor to write, compile and run your Java code online
import java.util.Scanner;

class Main {
    public static void main(String[] args) {
        Scanner scan = new Scanner(System.in);

        System.out.print("How many eggs do you want to buy: ");
        int input = scan.nextInt();

        double price = 0;
        int dozen = input / 12;
        int extra = input % 12;
        double totalPrice = 0;

        if (dozen < 4) {
            price = 0.5;
            totalPrice = (price * dozen) + ((price/12) * extra)
        } else if (dozen < 6) {
            price = 0.45;
            totalPrice = (price * dozen) + ((price/12) * extra)
        } else if (dozen < 11) {
            price = 0.4;
            totalPrice = (price * dozen) + ((price/12) * extra)
        } else {
            price = 0.35;
            totalPrice = (price * dozen) + ((price/12) * extra)
        }

        System.out.println("The total price for your eggs is $" + price);
    }
}
```

```
ERROR!
Main.java:19: error: ';' expected
        totalPrice = (price * dozen) + ((price/12) * extra)
                                                ^
ERROR!
Main.java:22: error: ';' expected
        totalPrice = (price * dozen) + ((price/12) * extra)
                                                ^
ERROR!
Main.java:25: error: ';' expected
        totalPrice = (price * dozen) + ((price/12) * extra)
                                                ^
ERROR!
Main.java:28: error: ';' expected
        totalPrice = (price * dozen) + ((price/12) * extra)
                                                ^
4 errors
=== Code Exited With Errors ===
```

5:

Finished the lines of code using “;”

6:

```
tra):
```

```
tra):
```

```
tra):
```

```
tra):
```

Exercise 5:

Error 1:

1:

“,” expected

2:

Didn't run like how it was intended

3:

Missing semi-colon

4:

<pre>// Online Java Compiler // Use this editor to write, compile and run your Java code online import java.util.Scanner; class Main { public static void main(String[] args) { Scanner scan = new Scanner(System.in); System.out.print("How many eggs do you want to buy: "); int input = scan.nextInt(); char grade = ""; if (input >= 90) { grade = "A" } else if (input >= 80) { grade = "B" } else if (input >= 70) { grade = "C" } else if (input >= 60) { grade = "D" } else { grade = "F" } System.out.println("Your grade from percentage to letter is " + grade); } }</pre>	<pre>ERROR! Main.java:15: error: ';' expected grade = "A" ^ ERROR! Main.java:17: error: ';' expected grade = "B" ^ ERROR! Main.java:19: error: ';' expected grade = "C" ^ ERROR! Main.java:21: error: ';' expected grade = "D" ^ ERROR! Main.java:23: error: ';' expected grade = "F" ^ 5 errors === Code Exited With Errors ===</pre>
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5:

Added the required semi-colons to the code

6:

```
t >= 90) {  
    e = "A";  
    f (input >  
    e = "B";  
    f (input >  
    e = "C";  
    f (input >  
    e = "D";  
  
    e = "F";
```

Error 2:

1:

Can not be converted to a "char" attribute

2:

It said there was an error for all of my "grade = " code

3:

Incompatible types

4:

```
// Online Java Compiler  
// Use this editor to write, compile and run your Java code online  
import java.util.Scanner;  
  
class Main {  
    public static void main(String[] args) {  
        Scanner scan = new Scanner(System.in);  
  
        System.out.print("How many eggs do you want to buy: ");  
        int input = scan.nextInt();  
  
        String grade = "";  
  
        if (input >= 90) {  
            grade = "A";  
        } else if (input >= 80) {  
            grade = "B";  
        } else if (input >= 70) {  
            grade = "C";  
        } else if (input >= 60) {  
            grade = "D";  
        } else {  
            grade = "F";  
        }  
  
        System.out.println("Your grade from percentage to letter is " + grade);  
    }  
}
```

ERROR!
Main.java:12: error: incompatible types: String cannot be converted to char
char grade = "";
^

ERROR!
Main.java:15: error: incompatible types: String cannot be converted to char
grade = "A";
^

ERROR!
Main.java:17: error: incompatible types: String cannot be converted to char
grade = "B";
^

ERROR!
Main.java:19: error: incompatible types: String cannot be converted to char
grade = "C";
^

ERROR!
Main.java:21: error: incompatible types: String cannot be converted to char
grade = "D";
^

ERROR!
Main.java:23: error: incompatible types: String cannot be converted to char
grade = "F";
^

6 errors
=== Code Exited With Errors ===

5:

Changing grade into a string attribute

6:

```
String grade = "";
```