

## Lesson 30 1/2 Coding Activity

Download the zipped .java starter file with the program templates, and use them in DrJava or an IDE of your choice, to get a head start on the activity.

Come to the forum with your questions and to share your test cases.

For this program you will input an int to represent the octal number and translate to the base ten number. The octal number must be 8 digits or less.

Your program should also check that all the digits are 0 - 7, then translate the number to base ten.

Sample Run 1:

```
Enter a number in base 8:  
1287  
ERROR: Incorrect Octal Format
```

Sample Run 2:

```
Enter a number in base 8:  
123  
83
```

Sample Run 3:

```
Enter a number in base 8:  
111111111  
ERROR: Incorrect Octal Format
```