Java/Python Comparison: Simple AddTax Program

### Python:
```
######################################################
# Nicholas Howe, 112b-xx
# CSC 112 Example: AddTax.py
# January 5, 2006
#
# This program computes the tax on a given amount.
# It is written in Python.
#
# Constant used to compute the total tax
TAXRATE = 0.05
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#
def addtax(value):
    cost = value + TAXRATE * value
    return cost

def main():
    price = input("Please enter the price: ")
    price = addtax(price)
    print "With tax, that comes to $", price,"."
```

### Java:
```
import java.util.*;
/**
 * Computes the total cost including tax for a given sales price.
 * This serves as a simple example of a Java console application.
 *
 * @author Nicholas R. Howe
 * @version August 30, 2012
 */
public class AddTaxScanner {
    /** Used to compute the total tax. */
    public static final float TAXRATE = (float)0.05;
    
    /**
     * Returns the new cost with tax added
     *
     * @param value Value of item without tax
     * @return Cost with tax
     */
    private static float addtax(float value) {
        float cost = value + TAXRATE*value;
        return cost;
    }
    
    /**
     * Gets the price from the user, computes cost, and prints result.
     *
     * @throws NumberFormatException
     */
    public static void main(String[] args) {
        System.out.print("Please enter the price: ");
        Scanner input = new Scanner(System.in);
        float price = input.nextFloat();
        price = addtax(price);
        System.out.println("With tax, that comes to $" + price + ".");
    }
}
```