

Income Tax Calculator

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code

```
import java.util.Scanner; //Needed for Scanner class
```

```
import java.lang.Math;
```

```
public class CretsingerCatherineTaxCalculator {
```

```
    public static void main(String[] args) {
```

```
        Scanner keyboard = new Scanner(System.in); //Scanner object for keyboard input
```

```
        int single;
```

```
        int income = 0;
```

```
        double tax1;
```

```
double tax2;
```

```
double tax3;
```

```
double tax4;
```

```
double tax5;
```

```
double tax6;
```

```
final double tax_one = .10;
```

```
final double tax_two = .15;
```

```
final double tax_three = .25;
```

```
final double tax_four = .15;
```

```
final double tax_five = .25;
```

```
//Ask the user if single or married
```

```
System.out.print("Are you single or married? Enter 0 for single or 1 for married ");
```

```
//Get status from user
```

```
single = keyboard.nextInt();
```

```
if (single == 0) {
```

```
System.out.println("What is your taxable income?");
```

```
income = keyboard.nextInt();
```

```
}
```

```
else if (single == 1) {
```

```
System.out.println("What is your taxable income?");
```

```
income = keyboard.nextInt();
```

```
}
```

```
tax4 = (tax_one * income);
```

```
tax5 = (tax_four * income) + 1600;
```

```
tax6 = (tax_five * income) + 8800;
```

```
if(income >= 0 && income < 16000) {
```

```
System.out.println("The amount of taxes you must pay is " + tax4);
```

```
}
```

```
else if (income >= 16000 && income < 64000) {
```

```
System.out.println("The amount of taxes you must pay is " + tax5);
```

```
}
```

```
else if (income >= 64000) {
```

```
System.out.println("The amount of taxes you must pay is " + tax6);
```

```
tax1 = (tax_one * income);
```

```
tax2 = (tax_two * income) + 800;
```

```
tax3 = (tax_three * income) + 4400;
```

```
if (income >= 0 && income < 8000) {  
  
    System.out.println("The amount of taxes you must pay is " + tax1);  
  
}  
  
else if (income >= 8000 && income < 32000) {  
  
    System.out.println("The amount of taxes you must pay is " + tax2);  
  
}  
  
else if (income >= 32000) {  
  
    System.out.println("The amount of taxes you must pay is " + tax3);  
  
}  
  
    }  
  
}  
  
}
```

Sample output

Are you single or married? Enter 0 for single or 1 for married

0

What is your taxable income?

52000

The amount of taxes you must pay is: 9400