

Lecture 30

Java – if / else Example [Tax Calculator]

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| Tax calculator

- Develop a **Java application** that determines the **total tax** for a citizen. The tax rate is **15% for earnings up to 30,000 USD** earned by each citizen and **20% for all earnings in excess of that ceiling**. Your program should input this information for each citizen, then determine and display the citizen's total tax. Use class Scanner to input the data

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```
import java.util.Scanner;
public class sekoseko {
    public static void main(String[] args) {
        double tax;
        Scanner sc = new Scanner(System.in);
        System.out.print("Earning: ");
        double er = sc.nextDouble();
        if(er<=30000)
            tax = 0.15*er;
        else
            tax = 0.15*30000+ 0.2*(er-30000);
        System.out.print("Tax = "+tax);

    }
}
```

| References

- Java: How to Program, 9th Edition (Deitel) 9th Edition by Paul Deitel , Harvey M. Deitel
- Head First Java, 2nd Edition 2nd Edition by Kathy Sierra, Bert Bates
- Think Java: How to Think Like a Computer Scientist 1st Edition by Allen B. Downey, Chris Mayfield