

# First Java Programming

```
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("Hello, World");  
    }  
}
```

Public= access modifier

Access modifiers specifies who can access them.

There are four access modifiers used in java.

They are public, private, protected, no modifier (declaring without an access modifier).

HelloWorld : name of class

1. Create on Notepad, save as for example in E:\aplikasi\_java, file name Millionaire.java
2. Search where javac has been installed (e.g :C:\Program Files\Java\jdk1.6.0\_18\bin)
3. Go to command promp
4. cd C:\Program Files\Java\jdk1.6.0\_18\bin
5. javac E:\aplikasi\_java Millionaire.java
6. java Millionaire

# Data Type

- Integer: int, byte, short, long
- Fraction: float, double
- Logic: boolean
- Character: char

```
class Example2 {  
    public static void main(String args[]) {  
        int var1; // this declares a variable  
        int var2; // this declares another variable  
        int var3;  
        var1 = 100; // this assigns 100 to var1  
        Var2= 2; // this assign 2 to var 2  
        System.out.println("var1 contains " + var1);  
        System.out.println("var2 contains " + var2);  
        var3 = (var1*var2) / 2;  
        System.out.println(var3);  
    }  
}
```

# Scanner Class for Keyboard Input

```
import java.util.Scanner;
public class GetUserInfo
{
public static void main(String[] args)
{
String name;
int age;
Scanner inputDevice = new Scanner(System.in);
System.out.print("Please enter your name >> ");
name = inputDevice.nextLine();
System.out.print("Please enter your age >> ");
age = inputDevice.nextInt();
System.out.println("Your name is " + name +
" and you are " + age + " years old.");
}
}
```



# Double

Double tax ;

Scanner inputDevice = **new** Scanner(System.in);

tax = inputDevice.nextDouble();