

# **WELCOME TO MY CHANNEL**

## **CODE WITH AMIT**

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@codewithamitk

# **JAVA HELLO WORLD**

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# Hello World

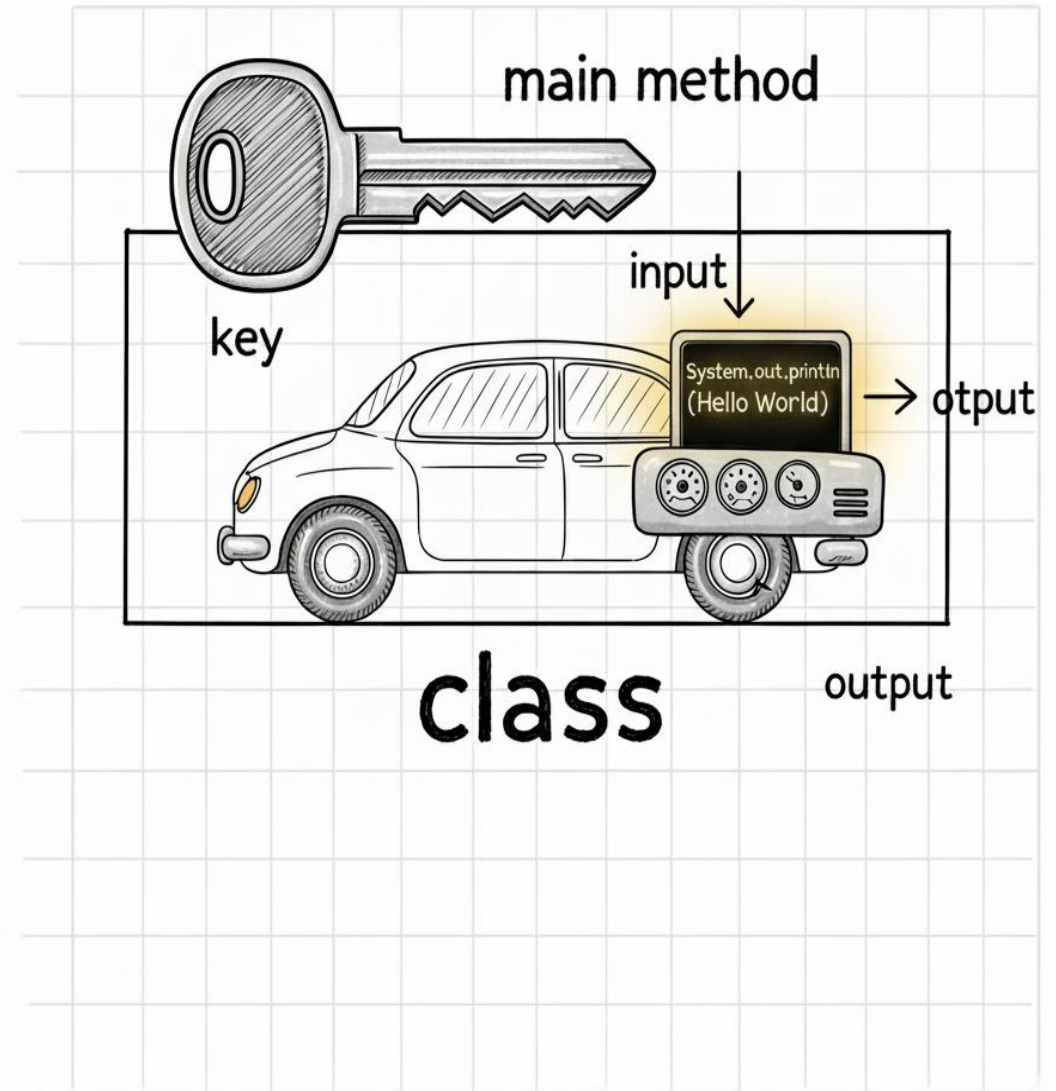
- Steps to write java program ?
- How to save it ?
- How to compile ?
- How to resolve if any error occurs ?
- How to run ?

# Steps.

- **Write** → Save as HelloWorld.java.
- **Compile** → C:\Users\amitk>javac HelloWorld.java
- **Run** → C:\Users\amitk>java HelloWorld
- **Output**  
This is my first program

# Hello World

```
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("This is my first program.");  
    }  
}
```



# Java Basics

```
public class HelloWorld {  
}
```

- `{}` → Begin & end of a block
- All code must be inside a **class**
- Class name starts with **Uppercase**
- Java is **case-sensitive** "HelloWorld" and "helloworld" has different meaning.
- File name = **Class name** + .java
- `public static void main(String[] args) {}` Program starts from here.
- Code inside `main()` runs first
- **Each statement ends with ;**

# Output / Print

`System.out.println("")` → prints text

```
System.out.println("Hello World!");
```

```
System.out.println("I am good to learn programming!");
```

```
System.out.println("Congratulation for the Hello World!");
```

- Always use **double quotes** → else error
- `print()` → prints text (no new line)
- `println()` → prints text + moves to next line

# In Case Any Error Occurs

- Read the error message → it tells where the problem is
- Check syntax → missing `;`, `}`, `()`
- Check case sensitivity → Hello ≠ hello
- Match file name & class name
- Fix typos in keywords (public, class, main)
- Compile again after fixing



# More Print statement

```
System.out.println("Keep coding, keep growing!");  
System.out.println("Every error is a step towards success.");  
System.out.println("Debugging is like solving a puzzle.");  
System.out.println("Practice daily, progress surely.");  
System.out.println("Small steps in coding lead to big success.");
```

# Demo!!

## Let's do the demo!

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# Thankyou

Thankyou !