

Chapter 12 Packages Java by Munawar

Interpreter Vs Compiler

Interpreter translate one statement at a time into machine code.

Compiler scans the entire program and translate whole of it into machine code.

Interpreter

- #. One statement at a time.
- #. Interpreter is needed everyone.
- #. Partial execution if error.
- #. Easy for programmer.

Compiler

- #. Entire program at a time.
- #. One compiled it is not needed.
- #. No execution if an error occurs.
- #. Usually not as easy.

Is Java Compiled or Interpreted?

Java is a hybrid language both compiled as well as interpreted.

Source Code

```
import javax.swing.plaf.synth.SynthTextAreaUI;  
import java.util.Scanner;  
import java.util.Random;  
  
public class Main {  
    public static void main (String [] args) {  
  
        // Only theory discuss  
  
    }  
}
```

Thank You