

Java Statements

If statement

```
if ( expression ) {
    statements
} else if ( expression ) {
    statements
} else {
    statements
}
```

While Loop

```
while ( expression ) {
    statements
}
```

Do-While Loop

```
do {
    statements
} while ( expression );
```

For Loop

```
for ( int i = 0; i < max; ++i ) {
    statements
}
```

For Each Loop

```
for ( *Type item : collection ) {
    item statements
}
```

Switch Statement

```
switch ( expression ) {
case value:
    statements
    break;
default:
    statements
}
```

Exception Handling

```
try {
    statements;
} catch (ExceptionType e1) {
    statements;
} catch (Exception e2) {
    catch-all statements;
} finally {
    statements;
}
```

Class Template

```
public class Classname {
    String varName1 = "";
    int varName2 = "";
    char varName3 = '';
    public static String
    CONSTANT1="";

    // Constructor
    public Classname (String arg0)
    {
        statements
    }

    // Method
    public void methodName1(){
        statements;
    }
}
```

public / private / protected [abstract]
extends Class **implement** Interface/Class

Attributes Constructor Getters/Setters Methods

Method Template

```
public String methodName( String
arg0) {
    statements
    return value;
}
```

public / protected / private [abstract]
void/String/int...