**Java If – Else:**

a) if statement  
b) nested if statement  
c) if-else statement  
d) if-else-if statement

**if Statement:**

Structure:

If(condition){

Statement;

}

Example:

**package** FPPackage;

**public** **class** ifelse {

**public** **static** **void** main(String[] args) {

**int** num1 = 5;

**int** num2 = 3;

**if**(num1 > num2) {

System.***out***.println("True");

}

}

}

**Nested If Statement:**

Structure:

If(condition){

If(condition){

Statement;

}

}

Example:

**package** FPPackage;

**public** **class** ifelse {

**public** **static** **void** main(String[] args) {

**int** num1 = 5;

**int** num2 = 3;

**int** num3 = 2;

**if**(num1 > num2) {

**if**(num2 > num3) {

System.***out***.println("True");

}

}

}

}

**if-else statement:**

if(condition) {

Statement;

}

else {

statement;

}

Example:

**package** FPPackage;

**public** **class** ifelse {

**public** **static** **void** main(String[] args) {

**int** num1 = 5;

**int** num2 = 6;

**if**(num1 > num2) {

System.***out***.println("True");

}

**else** {

System.***out***.println("False");

}

}

}

**if-else-if statement:**

if(condition) {

Statement;

}

else if {

statement;

}

Example:

**package** FPPackage;

**public** **class** ifelse {

**public** **static** **void** main(String[] args) {

**int** num1 = 5;

**int** num2 = 6;

**if**(num1 == num2) {

System.***out***.println("num1 is equal to num2");

}

**else** **if**(num1 > num2){

System.***out***.println("num1 is greater than num2");

}

**else** {

System.***out***.println("num1 is less than num2");

}

}

}