**While Loop:**

Structure:

while(condition){

Statements;

}

Example:

**package** FPPackage;

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

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

**int** i = 0;

**while**(i<10) {

System.***out***.println(i);

i++;

}

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

}

}

**Inner While Loops:**

**package** package1;

**public** **class** JavaExamples {

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

**int** j = 0;

**while** (j<3) {

System.***out***.println(" j value is "+j);

**int** k = 0;

**while** (k<3) {

System.***out***.println(" -- k value is "+k);

k++;

}

j++;

}

}

}

**Break Statement:**

Break statements are used to break the current loop during execution.

**package** package1;

**public** **class** JavaExamples {

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

**int** j = 0;

**while** (j<3) {

System.***out***.println(" j value is "+j);

**int** k = 0;

**while** (k<3) {

System.***out***.println(" -- k value is "+k);

**if**(k==1)

**break**;

k++;

}

j++;

}

}

}

**Labelled Break Statements:**

Labelled break statements are used to break the outer loop.

**package** package1;

**public** **class** JavaExamples {

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

**int** j = 0;

outer: **while** (j<3) {

System.***out***.println(" j value is "+j);

**int** k = 0;

**while** (k<3) {

System.***out***.println(" -- k value is "+k);

**if**(k==1)

**break** outer;

k++;

}

j++;

}

}

}

**Continue Statement:**

**package** package1;

**public** **class** JavaExamples {

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

**int** j = 0;

**while** (j<3) {

System.***out***.println(" j value is "+j);

**int** k = 0;

**while** (k<3) {

**if**(k>=1) {

k++;

**continue**;

}

System.***out***.println(" -- k value is "+k);

k++;

}

j++;

}

}

}

**Labelled Continue Statement:**

**package** package1;

**public** **class** JavaExamples {

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

**int** j = 0;

outer: **while** (j<3) {

System.***out***.println(" j value is "+j);

**int** k = 0;

**while** (k<3) {

System.***out***.println(" -- k value is "+k);

**if**(k>=0) {

j++;

**continue** outer;

}

//

//k++;

}

//j++;

}

}

}