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Question 2.java

2 .I)Unlabeled break statement is used to terminate the innermost loop or switch statement.

public class unlabeledBreakStatement {

public static void main(String[] args) {

// Unlabeled break statement

for (int i = 0; i < 10; i++) {

if (i == 5) {

system.out.println(“Loop terminated at i = 3”);

break;

}

System.out.println(“i = ”+ i);

}

II) Labeled break statement is used to terminate a specific loop when multiple nested loops are present.

public class labeledBreakStatement {

public static void main(String[] args) {

// Labeled break statement

Outerloop: for (int i = 0; i < 10; i++) {

for (int j = 0; j < 10; j++) {

if (i == 5&& j ==5) {

system.out.println(“Terminating outerloop at i = 5 and j = 5”);

break outerloop;

}

System.out.println(i + ", " + j);

}

}

}