1) Is Nested Simple If permitted?

Yes it is possible to have a simple if construct inside a simple if.

Program >>>>>

package com.kodnest.training.loops;

import java.util.\*;

public class NestedIf {

public static void main(String[] args) {

java.util.Scanner sc=new Scanner(System.***in***);

System.***out***.println("enter a number");

int num=sc.nextInt();

if(num!=0)

{

if(num<=10)

{

if(num%2==0)

{

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

}

}

}

}

}

2) Is Nested if else permitted?

Yes, it is possible to have an else-if inside an else-if conditional construct

Program>>>>

package com.kodnest.training.loops;

import java.util.Scanner;

public class IfElse {

public static void main(String[] args) {

Scanner sc=new Scanner(System.***in***);

int num1=sc.nextInt();

if(num1!=0)

{

if(num1%2==0)

{

System.***out***.println("number is even");

}

else

{

System.***out***.println("number is odd");

}

}

else

{

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

}

}

}

3) Is Nested elseif ladder is permitted in an ifelse?

Yes, it is permitted.

Program>>>>.

package com.kodnest.training.loops;

import java.util.\*;

public class NestedIfElse {

public static void main(String[] args) {

Scanner sc=new Scanner(System.***in***);

int num=sc.nextInt();

sc.close();

if(num>=0)

{

if(num%2==0)

{

System.***out***.println("number is even");

}

else if(num%2!=0)

{

System.***out***.println("number is odd");

}

else if(num==0)

{

System.***out***.println("nmbr is 0");

}

else

{

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

}

}

else

{

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

}

}

}

4) Is Nested while permitted ?

Yes,it is permitted.

Programs>>>>

package com.kodnest.training.loops;

public class NestedWhile {

public static void main(String[] args) {

int i=1;

int j=0;

while(i<=8)

{

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

i++;

while(j<=3)

{

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

j++;

}

}

}

}

5) Nested Do While permitted?

Program>>>

package com.kodnest.training.loops;

public class NestedDoWhile {

public static void main(String[] args) {

int i=1;

int j=0;

do

{

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

i++;

do

{

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

j++;

}while(j<=2);

}while(i<=5);

}

}