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**ASSIGNMENT**

1) Can We add any statements immediately below the break or continue ?

2) What will be the output of the following code

**1) Can We add any statements immediately below the break or continue?**

No, it will shows code unreachability error.if youwant proper conformation about this you can see the below examples.

**EXAMPLE: break:**

package com.kodnest.controlConstructs.infiniteloop;

public class Demo7 {

public static void main(String[] args) {

for(;;)

{

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

while(true)

{

break;

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

}

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

break;

}

}

}

**EXAMPLE: CONTINUE:**

package com.kodnest.controlConstructs.infiniteloop;

public class Demo3 {

public static void main(String[] args) {

for(int i=0;;i++)

{

if(i==10)

{

continue;

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

}

}

}

}

}**2) What will be the output of the following code**

**a**)

public class Demo {

public static void main(String[] args) {

for(int i=0;;i++)

{

System.out.println("KODNEST");

}

}

}

**OUTPUT:**

KODNEST

Infinite times KODNEST will be printed in each line.

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**b**) public class Demo {

public static void main(String[] args) {

for(int i=0;;i++)

{

if(i==10)

{

System.out.println("KODNEST");

break;

}

}

}

}

**OUTPUT:**

KODNEST

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**c**)

public class Demo {

public static void main(String[] args) {

for(int i=0;;i++)

{

if(i==10)

{

System.out.println("KODNEST");

continue;

}

break;

}

}

}

--------------------------

**d**)

public class Demo {

public static void main(String[] args) {

for(int i=1;i<=5;i++)

{

System.out.println("Hello");

for(;;)

{

System.out.println("Kodnest");

break;

}

}

}

}

**OUTPUT:**

Hello

Kodnest

Hello

Kodnest

Hello

Kodnest

Hello

Kodnest

Hello

Kodnest

-----------------------

**e**) public class Demo {

public static void main(String[] args) {

for(;;)

{

System.out.println("Hello");

for(;;)

{

System.out.println("Kodnest");

break;

}

System.out.println("Technologies");

break;

}

}

}

**OUTPUT:**

Hello

Kodnest

Technologies

------------------------

**f**) public class Demo {

public static void main(String[] args) {

for(;;)

{

System.out.println("Hello");

while(true)

{

System.out.println("Kodnest");

break;

}

System.out.println("Technologies");

break;

}

}

}

**OUTPUT:**

Hello

Kodnest

Technologies

-----------------------

**g**) public class Demo {

public static void main(String[] args) {

for(;;)

{

System.out.println("Hello");

while(true)

{

break;

System.out.println("Kodnest");

}

System.out.println("Technologies");

break;

}

}

}

**OUTPUT:**

It shows Error because it is a Unreachable code.

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**h**)

public class Demo {

public static void main(String[] args) {

for(;;)

{

System.out.println("Hello");

while(false)

{

System.out.println("Kodnest");

}

System.out.println("Technologies");

break;

}

}

}

**OUTPUT:**

It shows Error because it is a Unreachable code.

--------------------

**i**) public class Demo {

public static void main(String[] args) {

do

{

System.out.println("Hello");

while(true)

{

System.out.println("Kodnest");

break;

}

System.out.println("Technologies");

break;

}while(true);

}

}

**OUTPUT:**

Hello

Kodnest

Technologies

---------------

**j**) public class Demo {

public static void main(String[] args) {

do

{

System.out.println("Hello");

for(int i=1;i<=100;i=i+3)

{

System.out.println("Kodnest");

if(i==19)

{

break;

}

}

System.out.println("Technologies");

break;

}while(true);

}

}

**OUTPUT:**

Hello

Kodnest

Kodnest

Kodnest

Kodnest

Kodnest

Kodnest

Kodnest

Technologies