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ASSIGNMENT

Give any two examples for labelled do while loop in control constructs?

In labelled do while loop inner loop of nested do is not executed when we using break statement, because the compiler shows code unreachability error, remaining control constructs are executed. For better understanding of those words I have givened some examples based on my practice.

Example1:

```
public class Demo1 {
public static void main(String[] args) {
    int i=1;
    ammu:do {
        int j=1;
        do {
            System.out.print("hello  ");
            j++;
        }while(j<=5);
        System.out.println("kodnest");
        i++;
        break ammu;
    }while(i<=5);
}
}
```
OUTPUT:
hello hello hello hello hello kodnest

Example 2:

```java
public class Demo1 {
public static void main(String[] args) {
     int i=1;
     ammu:do {
          int j=1;
          do {
               System.out.print("hello  ");
               j++;
               break ammu;
          }while(j<=5);
          System.out.println("kodnest");
          i++;

     }while(i<=5);
}
}
```

OUTPUT: above code shows code unreachability error.

Example 3:

```java
public class Demo2 {
public static void main(String[] args) {
     int i=1;
     ammu:do {
          for(int j=1;j<=5;j++)
          {
               System.out.print("hello  ");
               break ammu;
          }
          System.out.println("Hiiii   ");
          i++;
     }while(i<=5);
}
```

```
}
```

OUTPUT: hello

Example :4

```
public class Demo2 {
public static void main(String[] args) {
    int i=1;
    ammu:do {
        if(i==4)
        {
            System.out.print("hello  ");
            break ammu;
        }
        else {
            System.out.print("HELLO   ");
        }
        System.out.println("Hiiii   ");
        i++;
    }while(i<=5);
}
}
```

OUTPUT:

HELLO   Hiiii
HELLO   Hiiii
HELLO   Hiiii
hello

Example 5:

```
public class Demo1 {
public static void main(String[] args) {
     int i=1;
     ammu:do {

          int j=1;
          while(j<=5)
          {
               System.out.print("hello  ");
               j++;
               break ammu;
          }
          System.out.println("kodnest");
          i++;

     }while(i<=5);
}
}
```

OUTPUT:

hello