



Java

Assignment-8

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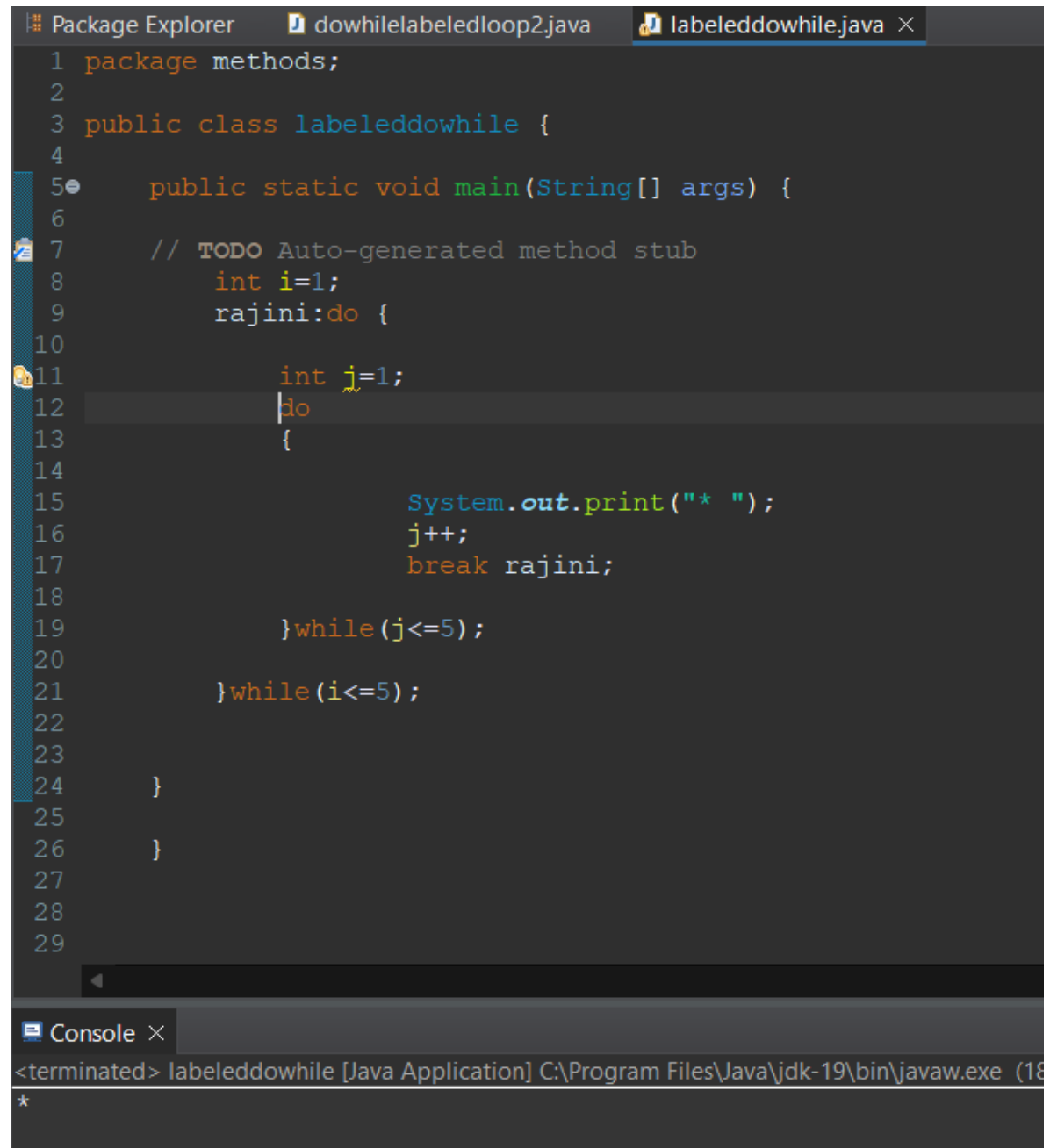
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Batch : July 2023

Trainer : Punith sir

Topic : Labeled Do While

Example 1:



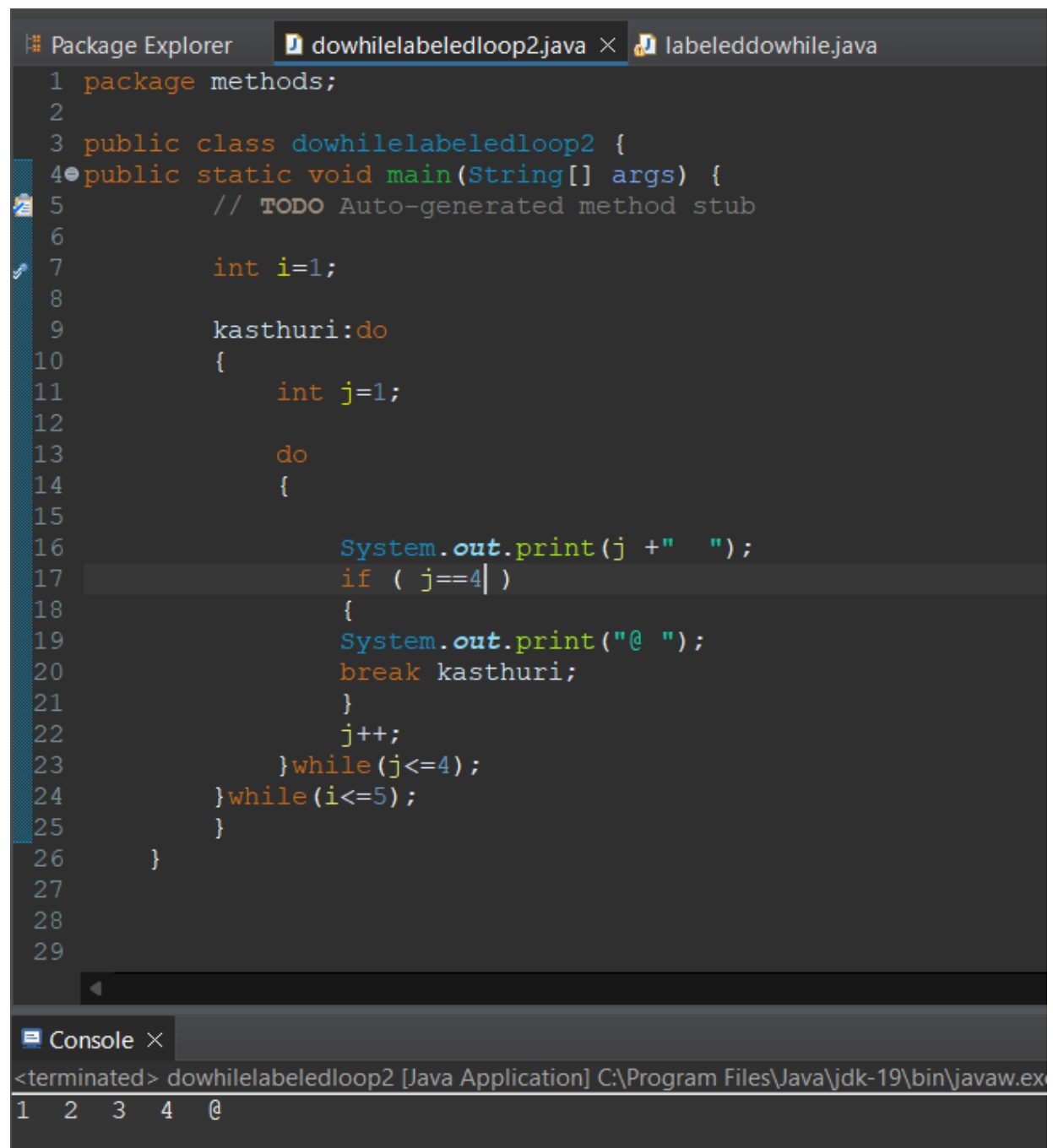
The screenshot shows an IDE with two tabs: 'dowhilelabeledloop2.java' and 'labeleddowhile.java'. The 'labeleddowhile.java' tab is active, displaying the following Java code:

```
1 package methods;
2
3 public class labeleddowhile {
4
5     public static void main(String[] args) {
6
7         // TODO Auto-generated method stub
8         int i=1;
9         rajini:do {
10
11             int j=1;
12             do
13             {
14
15                 System.out.print("* ");
16                 j++;
17                 break rajini;
18
19             }while(j<=5);
20
21         }while(i<=5);
22
23     }
24
25 }
26
27
28
29
```

Below the code editor is a console window titled 'Console'. It shows the output of the program: a single asterisk followed by a space, indicating the first iteration of the loop.

```
<terminated> labeleddowhile [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (18
*
```

Example 2:



The screenshot shows an IDE with two tabs: `dowhilelabeledloop2.java` and `labeleddowhile.java`. The `dowhilelabeledloop2.java` tab is active, displaying the following Java code:

```
1 package methods;
2
3 public class dowhilelabeledloop2 {
4     public static void main(String[] args) {
5         // TODO Auto-generated method stub
6
7         int i=1;
8
9         kasthuri:do
10        {
11            int j=1;
12
13            do
14            {
15
16                System.out.print(j + " ");
17                if ( j==4 )
18                {
19                    System.out.print("@ ");
20                    break kasthuri;
21                }
22                j++;
23            }while(j<=4);
24        }while(i<=5);
25    }
26 }
27
28
29
```

Below the code editor is a console window with the title `Console`. It shows the command prompt output:

```
<terminated> dowhilelabeledloop2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe
1 2 3 4 @
```