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variable1.java ✘ var2.java ✘ Test.java ✘ untitled ✘

behaviour and position of declaration

1. // Instance variables
2. // Static variables
3. // Local variables

status javac "Test.java" (in directory: D:\javawork)

compiler Test.java:45: error: cannot find symbol

messages System.out.println(i+"-----"+j);

symbol: variable j

/ 10 col: 5 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: unknown

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variable1.java var2.java Test.java

1  
2 behaviour and position of declaration  
3

4. // Instance variables  
5. // Static variables  
6. // Local variables  
7  
8  
9  
0

javac "Test.java" (in directory: D:\javawork)

Test Geany 4.2.0 - 2014-05-22 11:45:47

/ 10 col: 5 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: unknown



variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4
5     public static void main(String[] args)
6     {
7
8         //System.out.println(i);
9         //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11     var2 v=new var2();
12
13     System.out.println(v.i);//10(valid)
14     v.m1();
15 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: cannot find symbol

7 / 23 col: 14 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: Java scope: var2

file1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12
13 var2 v=new var2();
14
15 }
16 public void m1()
17 {
18 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:16: dynamic linking find symbol

/23 col: 19 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();
12        I
13    System.out.println(v.i);//10(valid)
14    v.m1();
15 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: cannot find symbol

5 / 23 col: 0 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12
13 System.out.println(v.i); //10(valid)
14 v.m1();
15
16 }
17 public void m1()
18 {
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: non-static variable i cannot be referenced from a static context

0 / 23 col: 0 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11     var2 v=new var2();
12
13     System.out.println(v.i);//10(valid)
14     v.m1();
15 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: non-static variable i cannot be referenced from a static context

0 / 23 col: 0 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12
13 System.out.println(v.i);//10(valid)
14 v.m1(); I
15
16 }
17 public void m1()
18 {
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: non-static variable i cannot be referenced from a static context

1 / 23 col: 18 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(valid)
10 }
11 System.out.println(i);//10(valid)
12 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:1: error: cannot find symbol

4 / 23 col: 7 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
3 int i=10;
4 //heap area
5 public static void main(String[] args)
6 {
7     var2 v=new var2();
8
9     System.out.println(v.i); //10(valid)
10    v.m1();
11    var2 v=new var2();
12
13    System.out.println(v.i); //10(valid)
14    v.m1();
15
16 }
17 public void m1()
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: cannot find symbol

4 / 23 col: 7 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();           I
12
13    System.out.println(v.i);//10(valid)
14    v.m1();
15
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: non-static variable i cannot be referenced from a static context

4 / 23 col: 7 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(yalid)
10 }
11 System.out.println(i);//10(valid)
12 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:12: error: cannot find symbol

4 / 23 col: 7 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
3 int i=10;
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12
13 System.out.println(v.i); //10(valid)
14 v.m1();
15
16 }
17 public void m1()
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: non-static variable i cannot be referenced from a static context

4 / 23 col: 7 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();
12
13    System.out.println(v.i); //10(valid)
14    v.m1();
15 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:14: error: cannot find symbol

1 / 23 col: 18 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2
3 System.out.println(v.i); //10(valid)
4 v.m1();
1 var2 v=new var2();
2
3 System.out.println(v.i); //10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
```

javac "Test.java" (in directory: D:\javawork)

Test.java:1: error: cannot find symbol

/23 col: 1 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2

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variable1.java var2.java Test.java

```
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2(); I
12
13 System.out.println(v.i);//10(valid)
14 v.m1();
15
16 }
17 public void m1()
18 {
19 System.out.println(i);//10(valid)
```

javac "Test.java" (in directory: D:\javawork)

Test.java:11: error: non-static variable i cannot be referenced from a static context

3 / 23 col: 35 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(valid)
0
1
2 }
```

javac "Test.java" (in directory: D:\javawork)

Test.java:1: error: cannot find symbol

4 / 23 col: 7 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2.main

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variable1.java var2.java Test.java

```
5 public static void main(String[] args)
6 {
7
8     var2 v=new var2();
9
10    System.out.println(v.i);//10(valid)
11    var2 v=new var2();
12
13        I
14    System.out.println(v.i);//10(valid)
15    v.m1();
16
17}
18
19public void m1()
20{
21
22    System.out.println(i);//10(valid)
```

javac "Test.java" (in directory: D:\javawork)

Test.java:1: error: cannot find symbol

8 / 23 col: 1 sel: 0 INS TAB MOD mode: CRLF encoding: UTF-8 filetype: java scope: var2



variable1.java var2.java Test.java

```
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(valid)
0 }
1
2 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
8 //System.out.println("Hello World");
9 //C:\Windows\system32\cmd.exe
10
11 var2();
12 (program exited with code: 0)
13
14 Press any key to continue . . .
15
16 System.out.println("Hello World");
17
18 public class var2 {
19     public static void main(String[] args) {
20         System.out.println("Hello World");
21     }
22 }
```

javac "var2.java" (in directory: D:\javawork)

Compilation finished successfully.

variable1.java var2.java Test.java

```
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(valid)
0 }
1
2 }
```

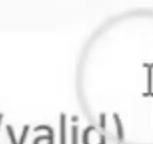


javac "var2.java" (in directory: D:\javawork)

Compilation finished successfully.

variable1.java var2.java Test.java

```
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2
3 System.out.println(v.i); //10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i); //10(valid)
```



javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
2 {  
3     int i=10;  
4     //heap area  
5     //System.out.println(i);  
6     //C.E:non-static variable i cannot be referenced from a static context(invalid)  
7  
8     //System.out.println(i);  
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)  
10  
11    var2 v=new var2();  
12  
13    System.out.println(v.i);//10(valid)  
14    v.m1();  
15  
16 }
```

javac "var2.java" (in directory: D:\javawork)

Compilation finished successfully.

variable1.java var2.java Test.java

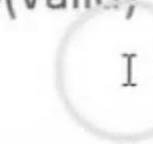
```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11     var2 v=new var2();
12
13     System.out.println(v.i);//10(valid)
14     v.m1();
15 }
```

javac "var2.java" (in directory: D:\javawork)

Compilation finished successfully.

variable1.java var2.java Test.java

```
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(valid)
0 }
1
2 }
```



javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
0
1 var2 v=new var2();
2
3 System.out.println(v.i);//10(valid)
4 v.m1();
5
6 }
7 public void m1()
8 {
9 System.out.println(i);//10(valid)
10
11 }
12 }
```



javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8         //System.out.println(i);
9         //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11     var2 v=new var2();
12
13     System.out.println(v.i);//10(valid)
14     v.m1();
15 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2 var2 k=new var2();
3
4
5 System.out.println(v.i);//10(valid)
6 v.m1();
7 }
8
9 public void m1()
0 {
1 System.out.println(i);//10(valid)
2 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8         //System.out.println(i);
9         //C.E:non-static variable i cannot be referenced from a static context(invalid)
10            I
11     var2 v=new var2();
12     var2 k=new var2();
13
14
15     System.out.println(v.i);//10(valid)
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
0
1 var2 v=new var2();
2 var2 k=new var2();
3
4
5 System.out.println(v.i);//10(valid)
6 v.m1();
7
8 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
7  
8 //System.out.println(i);  
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)  
0  
1 var2 v=new var2();  
2 var2 k=new var2();  
3  
4  
5 System.out.println(v.i);//10(valid)  
6 v.m1();  
7  
8 }  
9 public void m1()  
0 {  
1 System.out.println(i);//10(valid)
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
0
1 var2 v=new var2();
2 var2 k=new var2();
3
4
5 System.out.println(v.i);//10(valid)
6 v.m1();
7
8 }
9 public void m1()
10{
11 System.out.println(i);//10(valid)
12}
13
14}
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
3 int i=10;
4 //heap area
5 public static void main(String[] args)
6 {
7     var2 v=new var2();
8     var2 k=new var2();
9
10    var2 v=new var2();
11    var2 k=new var2();
12
13
14
15    System.out.println(v.i);//10(valid)
16    v.m1();
17}
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10    I
11    var2 v=new var2();
12    var2 k=new var2();
13
14
15 System.out.println(v.i);//10(valid)
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java

var2.java

Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12 var2 k=new var2();
13
14
15 System.out.println(v.i);//10(valid)
16 v.m1();
17
18 }
```

```
javac "var2.java" (in directory: D:\javawork)
```

```
Compilation finished successfully.
```

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();I
12    var2 k=new var2();
13
14
15    System.out.println(v.i);//10(valid)
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12 var2 k=new var2();
13
14
15 System.out.println(v.i); //10(valid)
16 v.m1();
17
18 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1 var2 v=new var2();  
2 var2 k=new var2();  
3  
4  
5 System.out.println(v.i);//10(valid)  
6 v.m1();  
7  
8 System.out.println(v.i);//10(valid)  
9 v.m1();  
10 }  
11 public void m1()  
12 {  
13     System.out.println(i);//10(valid)
```

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();      I
12    var2 k=new var2();
13
14
15    System.out.println(v.i);//10(valid)
```

```
javac "var2.java" (in directory: D:\javawork)
```

```
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```

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variable1.java

var2.java

Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12 var2 k=new var2();
13
14
15 System.out.println(v.i);//10(valid)
16 v.m1();
17
18 }
```

```
javac "var2.java" (in directory: D:\javawork)
```

```
Compilation finished successfully.
```

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();
12    var2 k=new var2();
13
14
15    System.out.println(v.i);//10(valid)
```

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variable1.java var2.java Test.java

```
1
2
3
4 ea
5 static void main(String[] args)
6
7
8     System.out.println(i);
9     //static variable i cannot be referenced from a static context(invalid)
10
11     w var2();
12     w var2();
13
14
15     t.println(v.i); //10(valid)
```

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();
12    var2 k=new var2();
13
14
15    System.out.println(v.i);//10(valid)
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12 var2 k=new var2();
13
14 var2 v=new var2();
15 System.out.println(v.i); //10(valid)
16 v.m1();
17
18 }
```

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variable1.java var2.java Test.java

```
7  
8 //System.out.println(i);  
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)  
0  
1 var2 v=new var2();  
2 v.i=20;  
3 var2 k=new var2();  
4 k.i=30;  
5  
6  
7 System.out.println(v.i);//10(valid)  
8 v.m1();  
9 }  
0  
1 public void m1()
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8     var2 v=new var2();
9     v.i=20;
10
11    var2 v=new var2();
12    v.i=20;
13    var2 k=new var2();
14    k.i=30;
15
16
17    System.out.println(v.i);//10(valid)
18    v.m1();
```

```
javac "var2.java" (in directory: D:\javawork)
```

```
Compilation finished successfully.
```

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();
12    v.i=20;
13    var2 k=new var2();
14    k.i=30;
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 //heap area
5 public static void main(String[] args)
6 {
7
8 //System.out.println(i);
9 //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11 var2 v=new var2();
12 v.i=20;
13
14 var2 v=new var2();
15 v.i=20;
16 var2 k=new var2();
17 k.i=30;
18
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1 class var2
2 {
3     int i=10;
4     //heap area
5     public static void main(String[] args)
6     {
7
8     //System.out.println(i);
9     //C.E:non-static variable i cannot be referenced from a static context(invalid)
10
11    var2 v=new var2();
12    v.i=20;
13    var2 k=new var2(),
14    k.i=30;
15 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java

var2.java

Test.java

```
4 k.i=30;  
5  
6  
7 System.out.println(v.i);//10(valid)  
8 v.m1();  
9  
0 }  
1 public void m1()  
2 {  
3 System.out.println(i);//10(valid)  
4 }  
5  
6 }  
7
```



```
javac "var2.java" (in directory: D:\javawork)
```

```
Compilation finished successfully.
```

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variable1.java var2.java Test.java

```
1 class var2
2
3     int i=10;
4
5     int i=10;
6     //heap area
7     public static void main(String[] args)
8     {
9
10
11         //System.out.println(i);
12         //C.E:non-static variable i cannot be referenced from a static context(invalid)
13
14         var2 v=new var2();
15         v.i=20;
16         var2 k=new var2();
17         k.i=30;
18
19
20 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1
2 /*class Test
3 {
4     static int i=10;
5     public static void main(String[] args)
6     {
7         Test t=new Test();
8         System.out.println(t.i);//10
9         System.out.println(Test.i);//10
10        System.out.println(i);//10
11    }
12 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 static int i=10;
5 public static void main(String[] args)
6 {
7     Test t=new Test();
8     System.out.println(t.i);//10
9     System.out.println(Test.i);//10
10    Test t=new Test(); //10
11    System.out.println(t.i);//10
12    System.out.println(Test.i);//10
13    /*class Test
14    {
15        int x=10;
16    }
17 */
18
19
20
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
8 System.out.println(t.i);//10
9 System.out.println(Test.i);//10
0 System.out.println(i);//10
1 }
2 }
3 /*class Test
4 {
5 int x=10;
6 static int y=20;
7 public static void main(String[] args)
8 {
9 Test t1=new Test();
10 ... . . .
```

```
javac "var2.java" (in directory: D:\javawork)
```

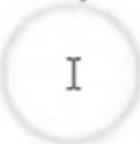
```
Compilation finished successfully.
```

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variable1.java var2.java Test.java

```
1
2 /*class Test
3 {
4     static int i=10;
5     System.out.println(Test.i);//10
6     System.out.println(i);//10
7 }
8 */
9 System.out.println(Test.i);//10
10 System.out.println(i);//10
11 }
12 */
13 /*----- Test -----*/
```

 I

javac "var2.java" (in directory: D:\javawork)

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7 / 50 col: 1 sel: 0 INS TAB mode: CRLF encoding: UTF-8 filetype: Java scope: Test

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variable1.java var2.java Test.java

```
4 static int i=10;
5 public static void main(String[] args)
6 {
7     Test t=new Test();
8     System.out.println(t.i);//10
9     System.out.println(Test.i);//10
10    System.out.println(i);//10
11 }
12 }
13 /*class Test
14 {
15     int x=10;
16 }
```

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
1
2 /*class Test
3 {
4     static int i=10;
5     public static void main(String[] args)
6     {
7         Test t=new Test();
8         System.out.println(t.i);//10
9         System.out.println(Test.i);//10
10        System.out.println(i);//10
11    }
12 }
```

/\*----- Test-----\*/

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 static int i=10;
5 public static void main(String[] args)
6 {
7     Test t=new Test();
8     System.out.println(t.i);//10
9     System.out.println(Test.i);//10
10    System.out.println(i);//10
11 }
12 }
13 /*class Test
14 {
15     int x=10;
16 }
```

javac "var2.java" (in directory: D:\javawork)

Compilation finished successfully.

variable1.java var2.java Test.java

```
1
2 class Test
3 {
4     static int i=10;
5     public static void main(String[] args)
6     {
7         Test t=new Test();
8         System.out.println(t.i);//10
9         System.out.println(Test.i);//10
10        System.out.println(i);//10
11    }
12 }
```

/\*----- Test -----\*/

javac "var2.java" (in directory: D:\javawork)

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variable1.java var2.java Test.java

```
4 static int i=10;
5 public static void main(String[] args)
6 {
7     Test t=new Test();
8     System.out.println(t.i);//10
9     System.out.println(Test.i);//10
10    System.out.println(i);//10
11 }
12 }
13 /*class Test
14 {
15     int x=10;
16 }
```

javac "var2.java" (in directory: D:\javawork)

Compilation finished successfully.

table1.java var2.java Test.java

```
1
2 class
3 {
4 static
5 public
6 {
7 Test
8 System
9 System
10 System
11 }
12 }
```

A screenshot of a terminal window titled "C:\WINDOWS\SYSTEM32\cmd.exe". The window contains the following text:

```
10
10
10
-----(program exited with code: 0)
Press any key to continue . . .
```

The window has standard Windows-style window controls (minimize, maximize, close) in the top right corner.

2 errors

Compilation failed.

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variable1.java var2.java Test.java

```
1
2 class Test
3 {
4     static int i=10;
5     public static void main(String[] args)
6     {
7         Test t=new Test();
8         System.out.println(t.i);//10
9         System.out.println(Test.i);//10
10        System.out.println(i);//10
11    }
12 }
```

2 errors

Compilation failed.



variable1.java var2.java Test.java

```
2 /*class Test
3 {
4     static int i=10;
5     public static void main(String[] args)
6     {
7         Test t=new Test();
8         System.out.println(t.i);//10
9         System.out.println(Test.i);//10
10        System.out.println(i);//10
11    }
12 }
13 */
14 /*----- Test-----*/
```

2 errors

Compilation failed.

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variable1.java var2.java Test.java

```
9 System.out.println(Test.i);//10
10 System.out.println(i);//10
11 }
12 }
13 */
14 /*class Test
15 {
16 int x=10;
17 static int y=20;
18 public static void main(String[] args)
19 {
20 Test t1=new Test();
21 ... ooo...
```

2 errors

Compilation failed.

variable1.java var2.java Test.java

```
6 int x=10;
7 static int y=20;
8 public static void main(String[] args)
9 {
10    int x=10; ---- T---\n11    static int y=20;
12    public static void main(String[] args)
13    {
14        Test t1=new Test();
15        t1.x=888;
16        t1.y=999;
17        System.out.println(t1.x+"----"+t1.y);
18    }
19 }
```

2 errors

Compilation failed.

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```
variable1.java var2.java Test.java
28 t3.x=666;
29 t3.y=777;
30 System.out.println(t3.x+"----"+t3.y);
31 System.out.println(t2.x+"----"+t2.y);
32 System.out.println(t1.x+"----"+t1.y);
33 }
34 }/*
35 I
36 */class Test
37 {
38     public static void main(String[] args)
39     {
40         ...
41     }
42 }
```

2 errors

Compilation failed.

table1.java var2.java Test.java

```
5 int x=10;
6 static int y=20;
7 public static void main(String[] args)
8 {
9     Test t1=new Test();
10    t1.x=888;
11    t1.y=999;
12    System.out.println(t1.x+"----"+t1.y);
13    Test t2=new Test();
14    System.out.println(t1.x+"----"+t1.y);
15    System.out.println(t2.x+"----"+t2.y);//
16    Test t3=new Test();
17    ... . . . . .
```

2 errors

Compilation failed.

```
18 {
19     Test t1=new Test();
20     t1.x=888;
21     t1.y=999;
22     System.out.println(t1.x+"----"+t1.y);//888 999
23     Test t2=new Test();
24     t2.x=555;
25     t2.y=444;
26     System.out.println(t1.x+"----"+t1.y);//
27     System.out.println(t2.x+"----"+t2.y);//
28     Test t3=new Test();
29     t3.x=666;
30     t3.y=777;
```

2 errors

Compilation failed.

```
24 t2.x=555;
25 t2.y=444;
26 System.out.println(t1.x+"----"+t1.y);//888 444
27 System.out.println(t2.x+"----"+t2.y);//555 444
28 Test t3=new Test()
29
30 t3.x=666;
31 t3.y=777;
32 System.out.println(t3.x+"----"+t3.y);
33 System.out.println(t2.x+"----"+t2.y);
34 System.out.println(t1.x+"----"+t1.y);
35 }
```

2 errors

Compilation failed.



```
21 t1.y=999;
22 System.out.println(t1.x+"----"+t1.y);//888 999
23 Test t2=new Test();
24 t2.x=555;
25 t2.y=444;
26 System.out.println(t1.x+"----"+t1.y);//888 444
27 System.out.println(t2.x+"----"+t2.y);//555 444
28 Test t3=new Test()
29
30 t3.x=666;
31 t3.y=777;
32 System.out.println(t3.x+"----"+t3.y);//666 777
33 System.out.println(t2.x+"----"+t2.y);//555 777
```

## 6 errors

Compilation failed.

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le1.java var2.java Test.java

```
5 t2.y=444;
6 System.out.println(t1.x+"----"+t1.y);//888 444
7 System.out.println(t2.x+"----"+t2.y);//555 444
8 Test t3=new Test();
9
10 t3.x=666;
11 t3.y=777;
12 System.out.println(t3.x+"----"+t3.y);//666 777
13 System.out.println(t2.x+"----"+t2.y);//555 777
14 System.out.println(t1.x+"----"+t1.y);//999 777
15 }
16 }
```

javac "Test.java" (in directory: D:\javawork)

Compilation finished successfully.

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```
888----999
```

```
888----444
```

```
555----444
```

```
666----777
```

```
555----777
```

```
888----777
```

```
-----  
(program exited with code: 0)
```

```
Press any key to continue . . .
```

```
}
```

```
javac "Test.java" (in directory: D:\javawork)
```

```
Compilation finished successfully.
```

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le1.java

888----999  
888----444  
555----444  
666----777  
555----777  
888----77

(program exited with code: 0)

Press any key to continue . . .

}

javac "Test.java" (in directory: D:\javawork)

Compilation finished successfully.

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le1.java var2.java Test.java

```
5 t2.y=444;
6 System.out.println(t1.x+"----"+t1.y);//888 444
7 System.out.println(t2.x+"----"+t2.y);//555 444
8 Test t3=new Test();
9
10 t3.x=666;
11 t3.y=777;
12 System.out.println(t3.x+"----"+t3.y);//666 777
13 System.out.println(t2.x+"----"+t2.y);//555 777
14 System.out.println(t1.x+"----"+t1.y);//999 777
15 }
16 }
```

javac "Test.java" (in directory: D:\javawork)

Compilation finished successfully.



le1.java var2.java Test.java

```
2 System.out.println(t3.x+"----"+t3.y);//666 777
3 System.out.println(t2.x+"----"+t2.y);//555 777
4 System.out.println(t1.x+"----"+t1.y);//999 777
5 }
6 }
7
8 /*class Test
9 {
10 public static void main(String[] args)
11 {
12 int i=0;
13 for(int j=0;j<3;j++)
14 {
```

javac "Test.java" (in directory: D:\javawork)

Compilation finished successfully.

le1.java var2.java Test.java

```
9  
0 t3.x=666;  
1 t3.y=777;  
2 System.out.println(t3.x+"----"+t3.y);//666 777  
3 System.out.println(t2.x+"----"+t2.y);//555 777  
4 System.out.println(t1.x+"----"+t1.y);//999 777  
5 }  
6 }  
3 System.out.println(t2.x+"----"+t2.y);//555 777  
4 System.out.println(t1.x+"----"+t1.y);//999 777  
5 }  
6 }
```

javac "Test.java" (in directory: D:\javawork)

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le1.java var2.java Test.java

```
5 t2.y=444;
6 System.out.println(t1.x+"----"+t1.y);//888 444
7 System.out.println(t2.x+"----"+t2.y);//555 444
8 Test t3=new Test();
9
10 t3.x=666; I
11 t3.y=777;
12 System.out.println(t3.x+"----"+t3.y);//666 777
13 System.out.println(t2.x+"----"+t2.y);//555 777
14 System.out.println(t1.x+"----"+t1.y);//999 777
15 }
16 }
```

javac "Test.java" (in directory: D:\javawork)

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le1.java var2.java Test.java

```
2 System.out.println(t3.x+"----"+t3.y);//666 777
3 System.out.println(t2.x+"----"+t2.y);//555 777
4 System.out.println(t1.x+"----"+t1.y);//999 777
5 }
2 System.out.println(t3.x+"----"+t3.y);//bbb /**
3 System.out.println(t2.x+"----"+t2.y);//555 777
4 System.out.println(t1.x+"----"+t1.y);//999 777
5 }
0 public static void main(String[] args)
1 {
2 int i=0;
3 for(int j=0;j<3;j++)
4
```

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le1.java var2.java Test.java

```
9  
0 t3.x=666;  
1 t3.y=777;  
2 System.out.println(t3.x+"----"+t3.y);//666 777  
3 System.out.println(t2.x+"----"+t2.y);//555 777  
4 System.out.println(t1.x+"----"+t1.y);//999 777  
5 }  
6 }  
7 */  
8 /*class Test  
9 {  
0 public static void main(String[] args)  
1 {
```

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le1.java var2.java Test.java

```
0 t1.x=888;
1 t1.y=999;
2 System.out.println(t1.x+"----"+t1.y);//888 999
3 Test t2=new Test();
4 t2.x=555;
5 t2.y=444;
6 System.out.println(t1.x+"----"+t1.y);//888 444
7 System.out.println(t2.x+"----"+t2.y);//555 444
8 Test t3=new Test();
9
0 t3.x=666;
1 t3.y=777;
```

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le1.java var2.java Test.java

```
0 public static void main(String[] args)
1 {
2     int i=0;
3     for(int j=0;j<3;j++)
4     {
5         i=i+j;
6     }
7     I
8     System.out.println(i+"-----"+j);
9 }
0 }
1 }
```

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le1.java var2.java Test.java

```
7 */
8 class Test
9 {
10 public static void main(String[] args)
11 {
12     int i=0;
13     for(int j=0;j<3;j++)
14     {
15         i=i+j;
16     }
17
18     System.out.println(i+"-----"+j);
19 }
```

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le1.java ✘ var2.java ✘ Test.java ✘

```
0 public static void main(String[] args)
1 {
2     int i=0;
3     for(int j=0;j<3;j++)
4     {
5         i=i+j;
6     }
7     I
8     System.out.println(i+-----+j);
9 }
0 }
1 }
```

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le1.java var2.java Test.java

```
7 */
8 class Test
9 {
10 public static void main(String[] args)
11 {
12     int i=0;
13     for(int j=0;j<3;j++)
14     {
15         i
16         i=i+j;
17     }
18     System.out.println(i+"-----"+j);
19 }
```

javac "Test.java" (in directory: D:\javawork)

Compilation finished successfully.



le1.java ✘ var2.java ✘ Test.java ✘

```
0 public static void main(String[] args)
1 {
2     int i=0;
3     for(int j=0;j<3;j++)
4     {
5         i=i+j;
6     }
7
8     System.out.println(i+-----+j);
9 }
0
1
```

javac "Test.java" (in directory: D:\javawork)

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```
le1.java ✘ var2.java ✘ Test.java ✘
7 */
8 class Test
9 {
10 public static void main(String[] args)
11 {
12     int i=0;
13     for(int j=0;j<3;j++)
14     {
15         i=i+j;
16     }
17
18     System.out.println(i+"-----"+j);
19 }
```

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le1.java var2.java Test.java

```
0 public static void main(String[] args)
1 {
2     int i=0;
3     int j;
4     for(j=0;j<3;j++)
5     {
6         i=i+j;
7     }
8
9     System.out.println(i+"-----"+j);
10
11 }
```

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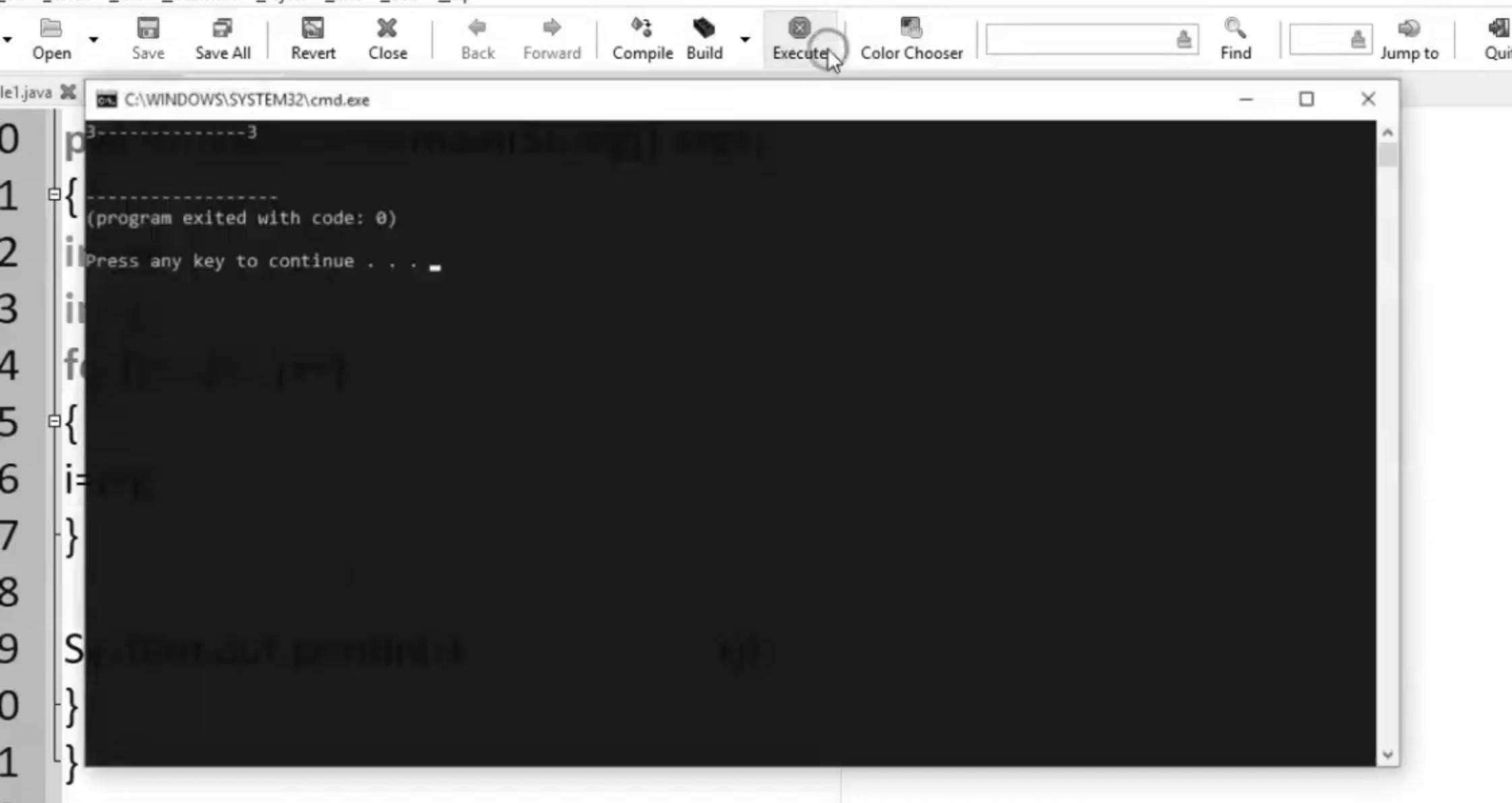
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le1.java C:\WINDOWS\SYSTEM32\cmd.exe

```
0 public static void main(String[] args)
1 {
2     int i=0;
3     int j;
4     for(j=0;j<3;j++)
5     {
6         i=i+j;
7     }
8     System.out.println(i+ " " +j);
9 }
1 }
```

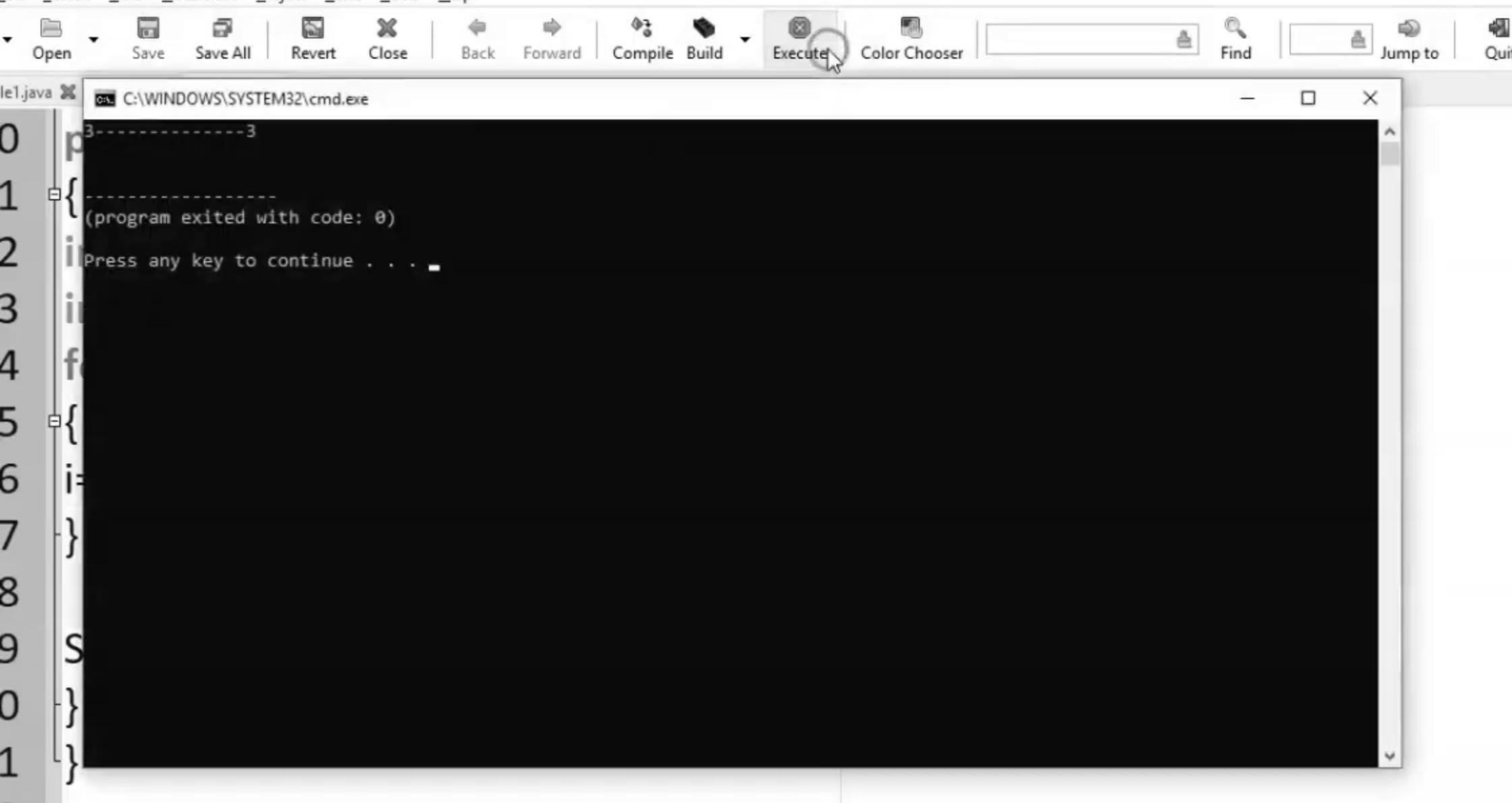
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```
javac "Test.java" (in directory: D:\javawork
```

Compilation finished successfully.



```
javac "Test.java" (in directory: D:\javawork
```

Compilation finished successfully.



le1.java ✘ var2.java ✘ Test.java ✘



```
0 public static void main(String[] args)
1 {
2     int i=0;
3     int j;
4     for(j=0;j<3;j++)
5     {
6         i=i+j;
7     }
8
9     System.out.println(i+"-----"+j);
10
11 }
```

javac "Test.java" (in directory: D:\javawork)

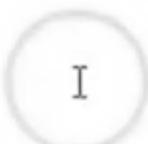
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le1.java var2.java Test.java

```
3 int j;
4 for(j=0;j<3;j++)
5 {
6     i=i+j;
7 }
8
9 System.out.println(i+-----+j);
0
1 }
```



javac "Test.java" (in directory: D:\javawork)

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le1.java ✘ var2.java ✘ Test.java ✘

```
0 public static void main(String[] args)
1 {
2     int i=0;
3     int j;
4     for(j=0;j<3;j++)
5     {
6         i=i+j;
7     }
8     System.out.println(i+"-----"+j);
9 }
10 }
```

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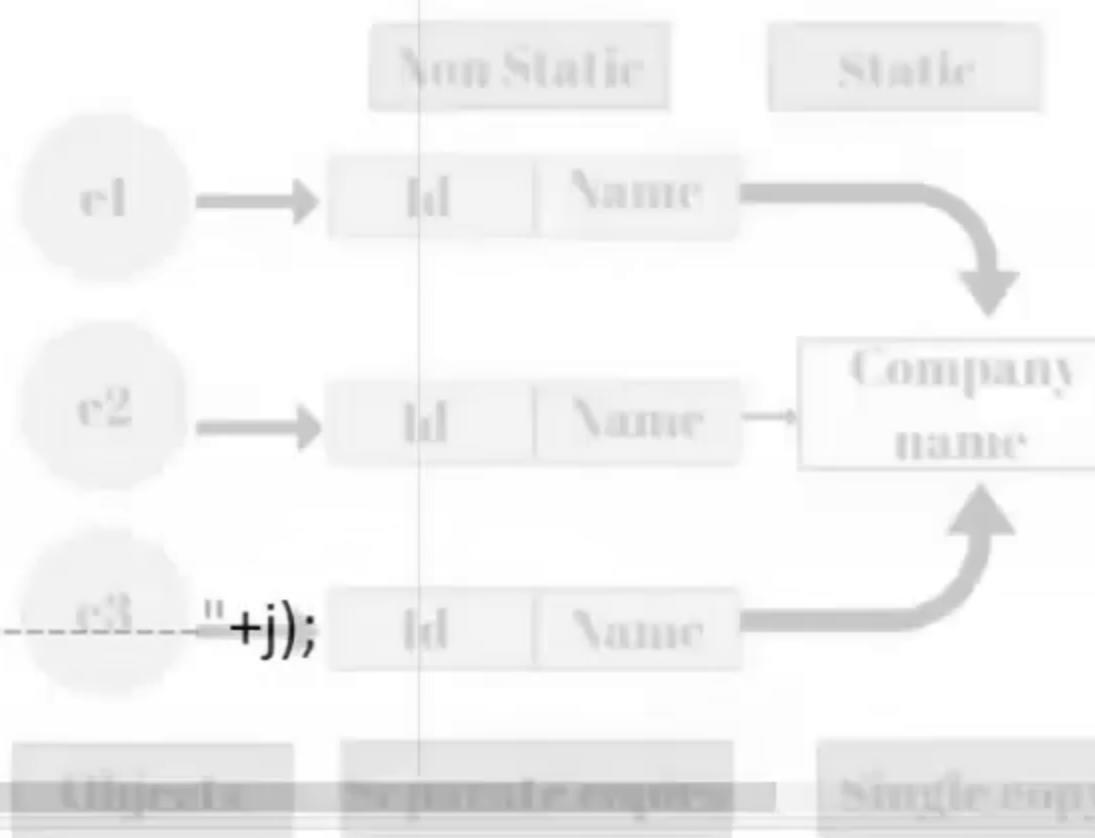
```
6 }
7 */
8 class Test
9 {
10 public static void main(String[] args)
11 {
12     int i=0;
13     int j; I
14     for(j=0;j<3;j++)
15     {
16         i=i+j;
17     }
```

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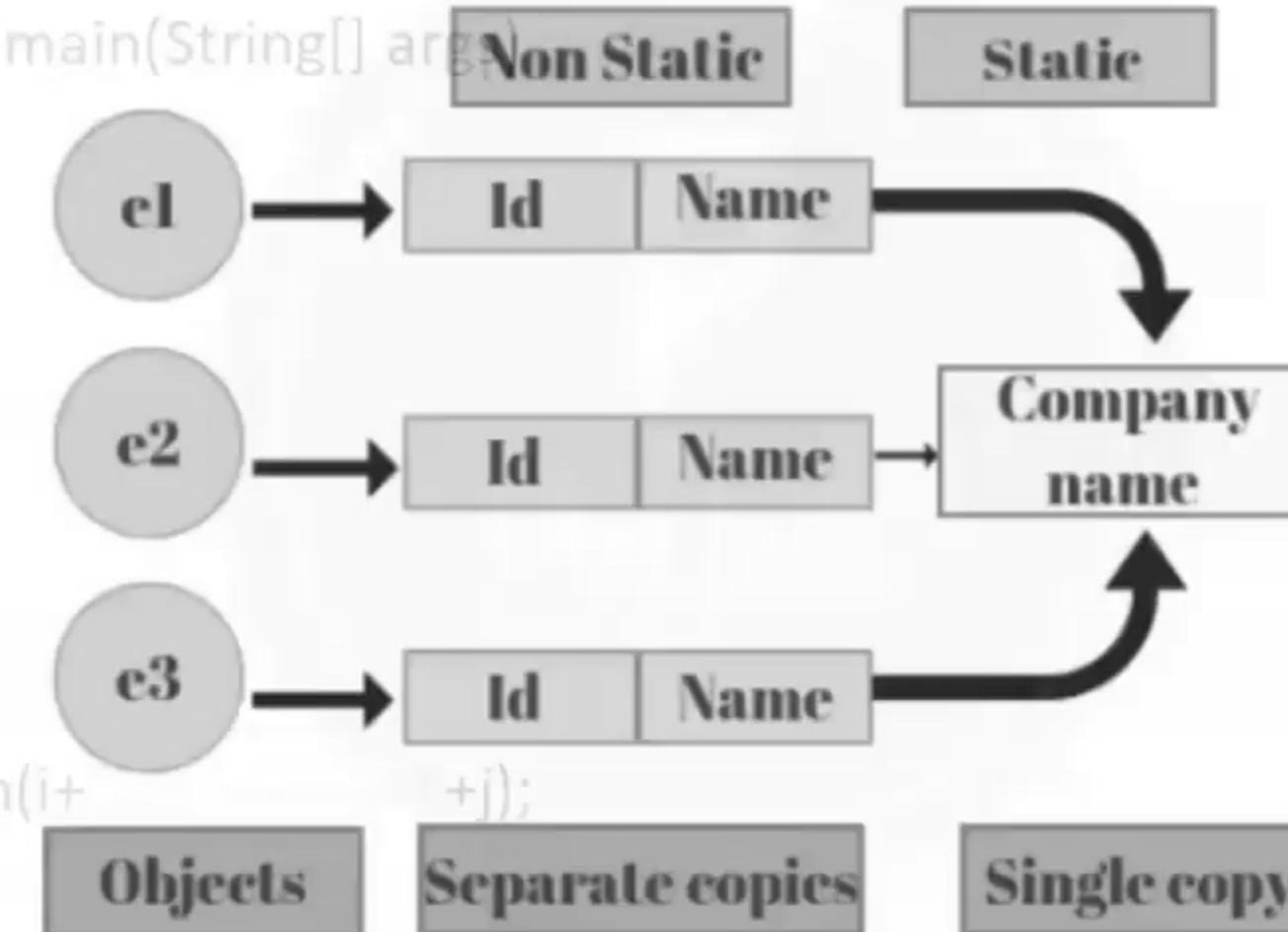
```
9
0 public static void main(String[] args)
1 {
2     int i=0;
3     int j;
4     for(j=0;j<3;j++)
5     {
6         i=i+j;
7     }
8
9     System.out.println(i+"-----"+j);
0 }
```

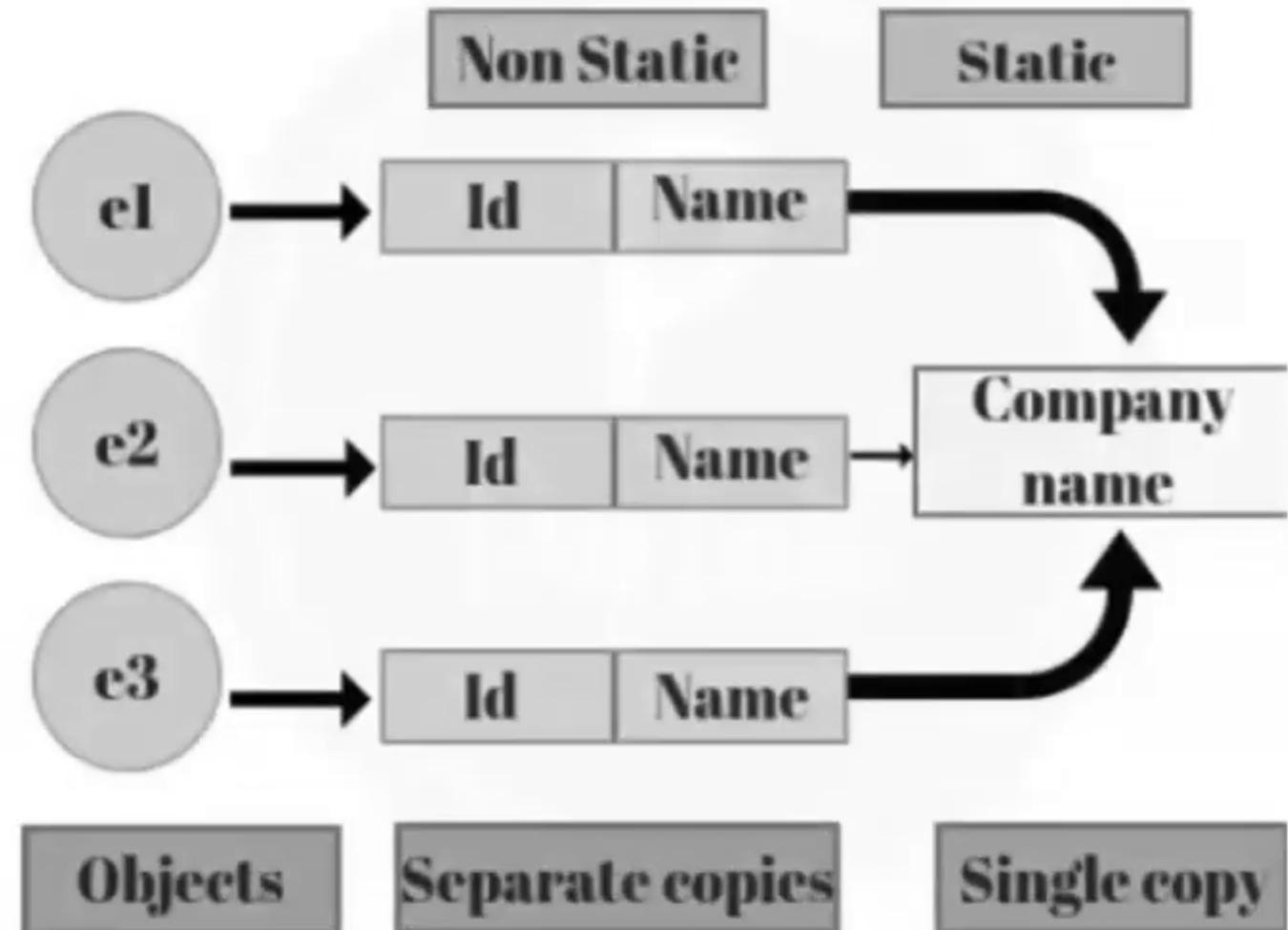


javac "Test.java" (in directory: D:\javawork)

Compilation finished successfully.

```
9
0 public static void main(String[] args)
1 {
2     int i=0;
3     int j;
4     for(j= i;j< i+j++)
5     {
6         i=i+j;
7     }
8
9     System.out.println(i+
10 }
```



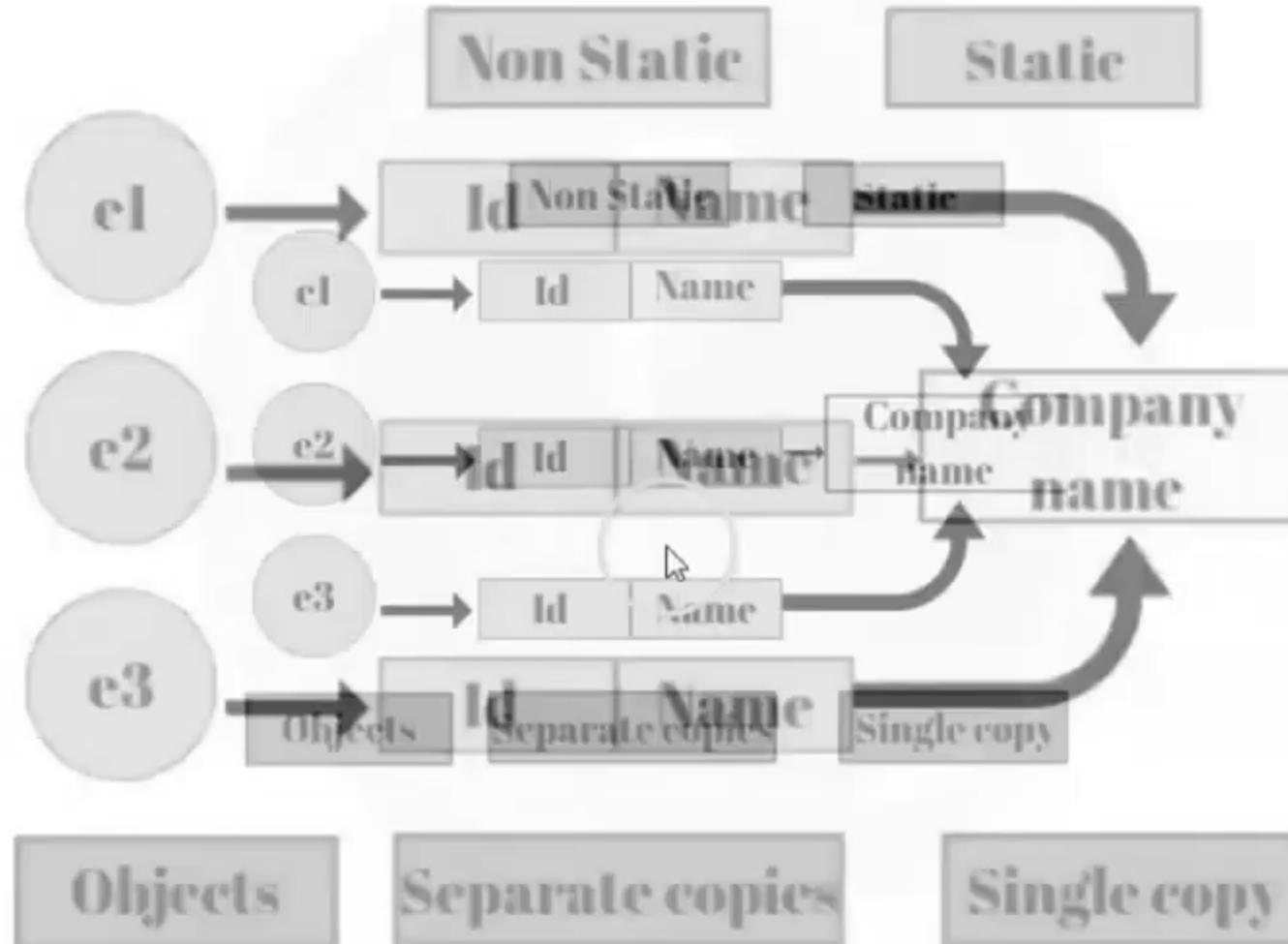


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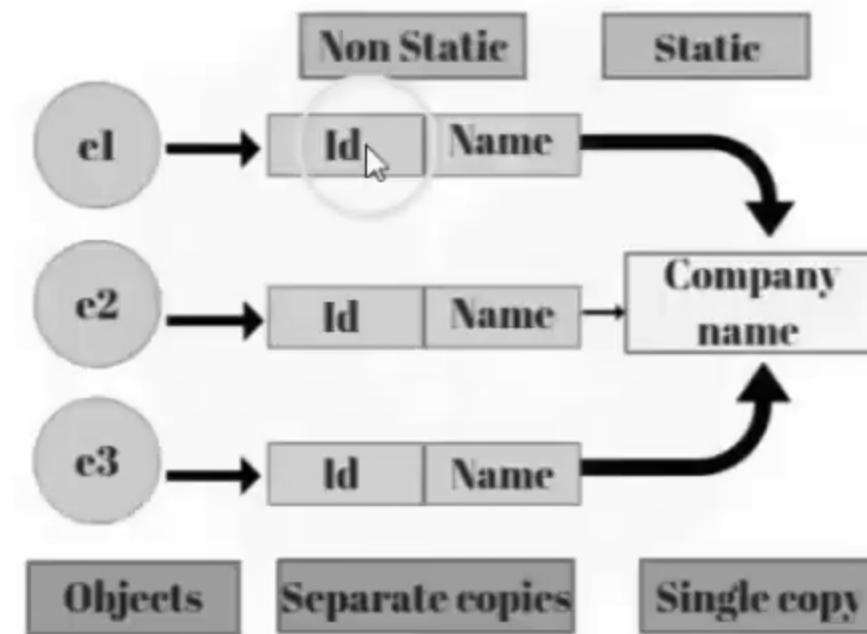


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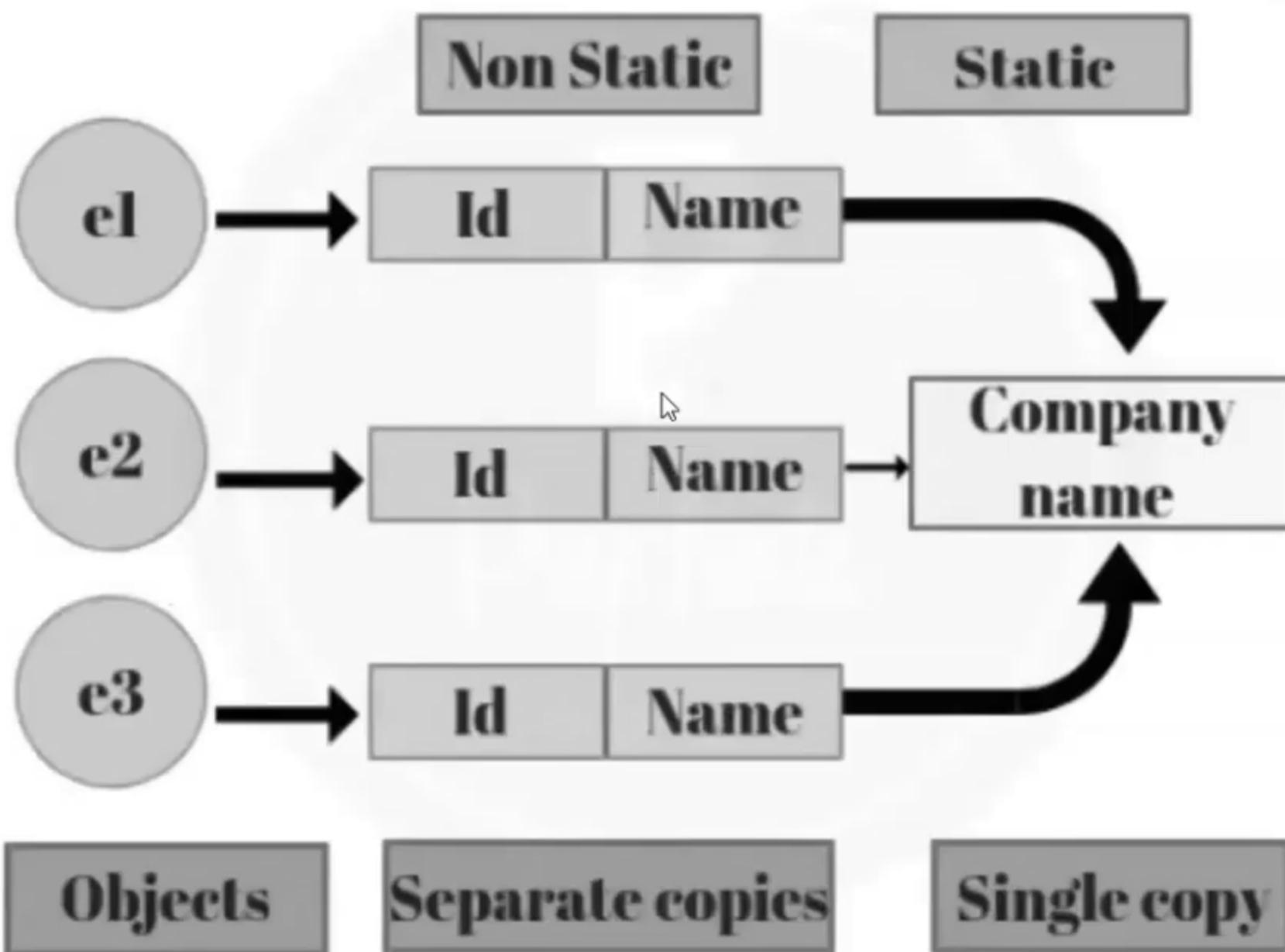
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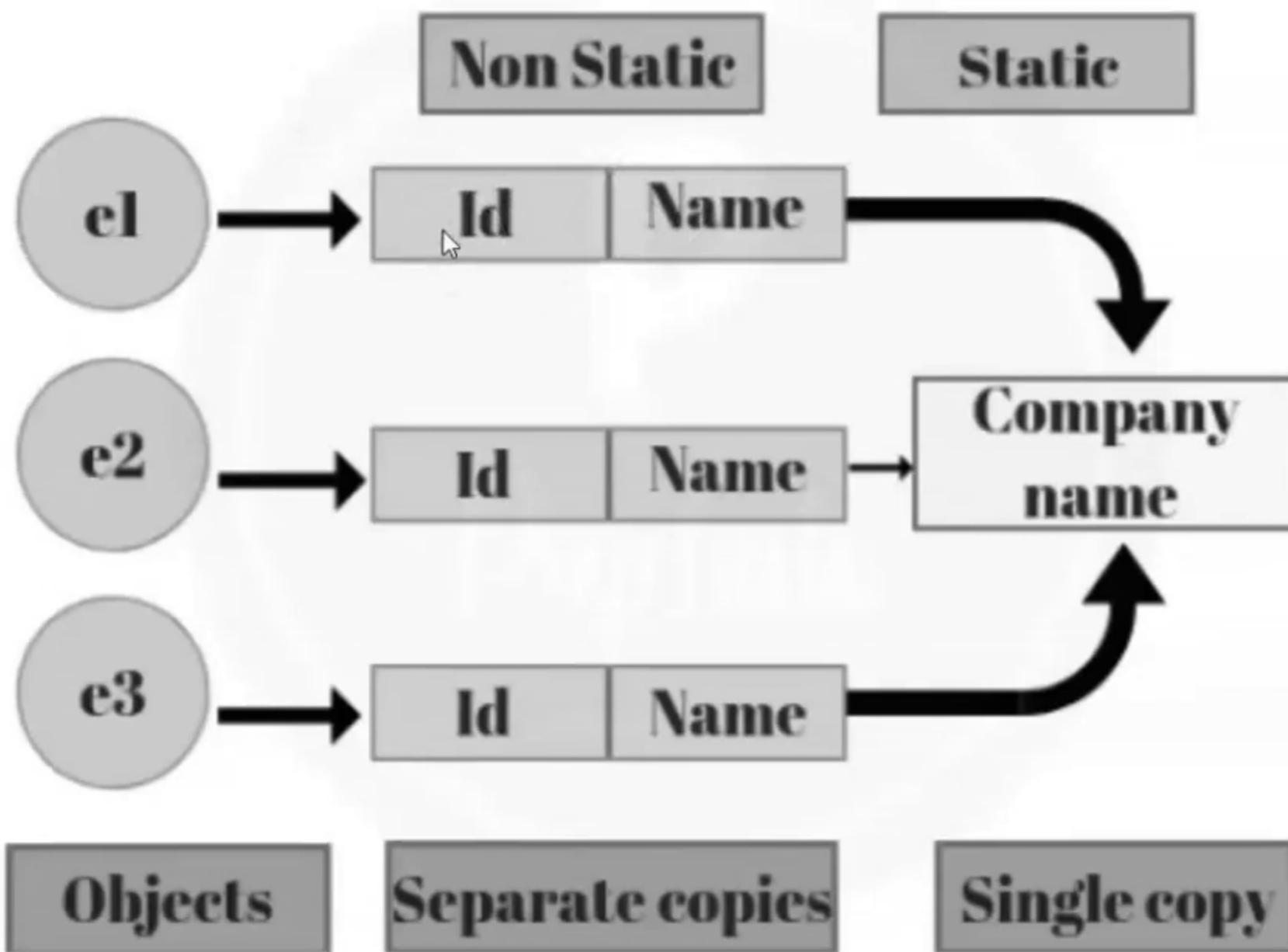


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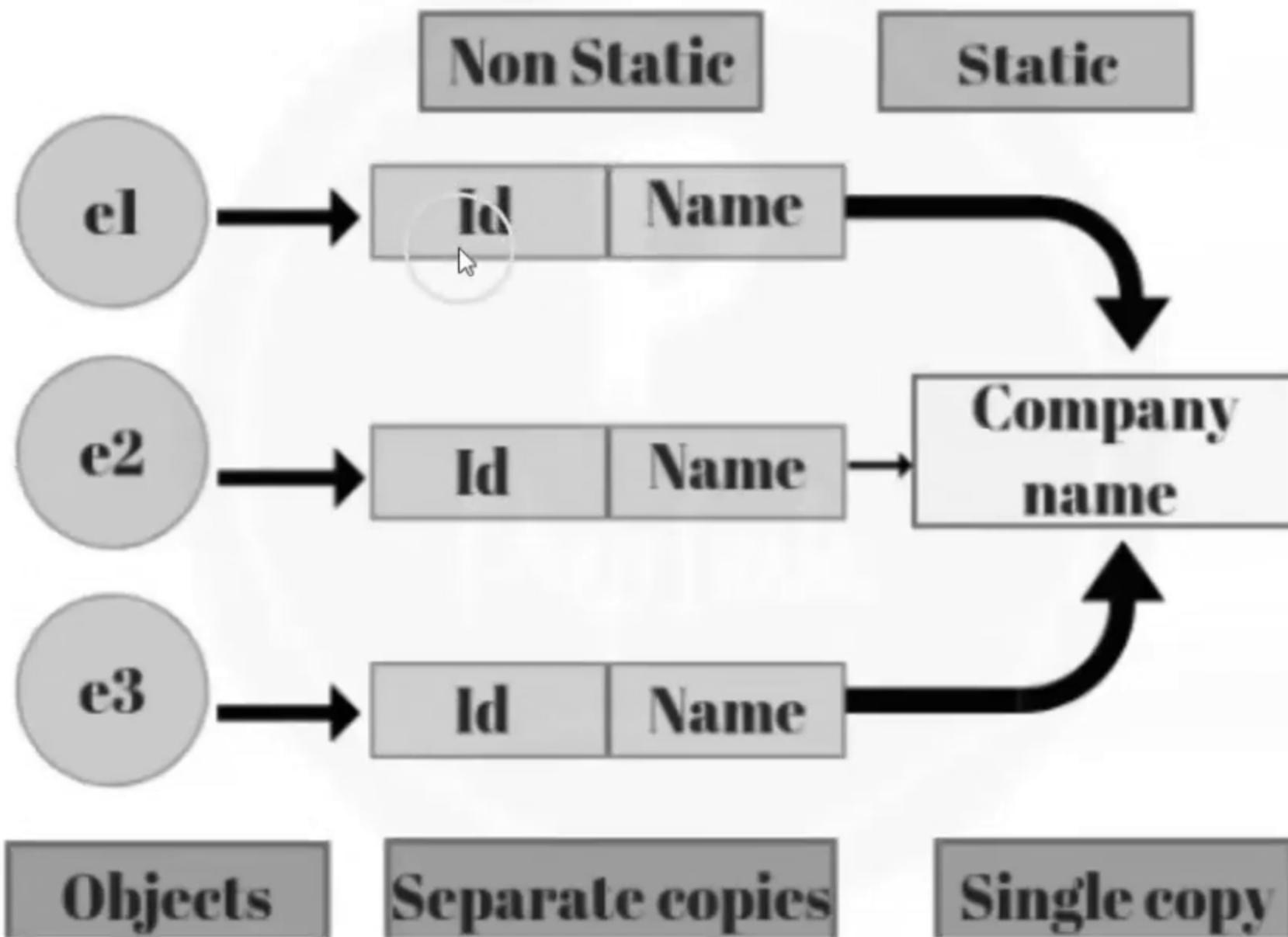


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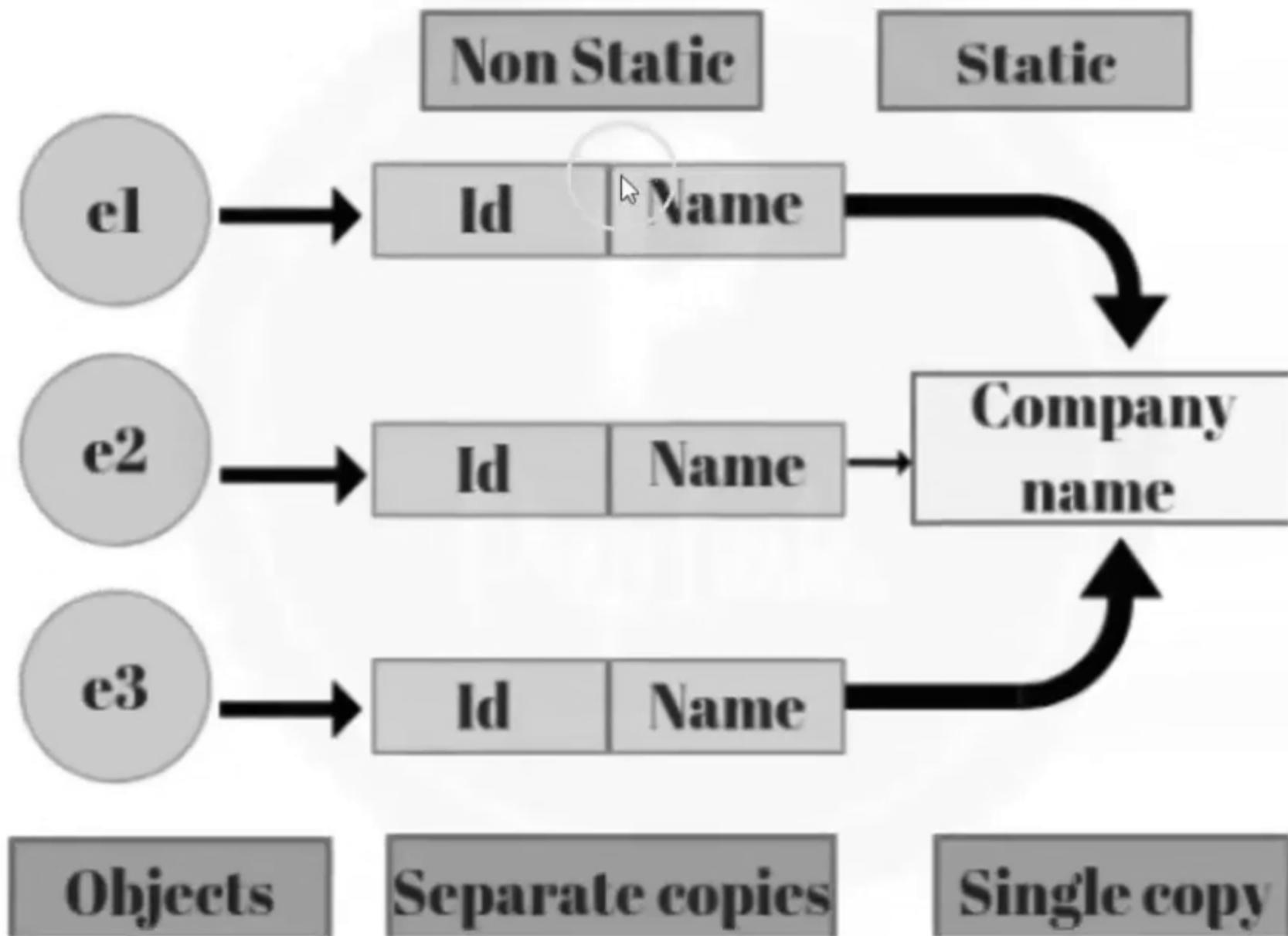


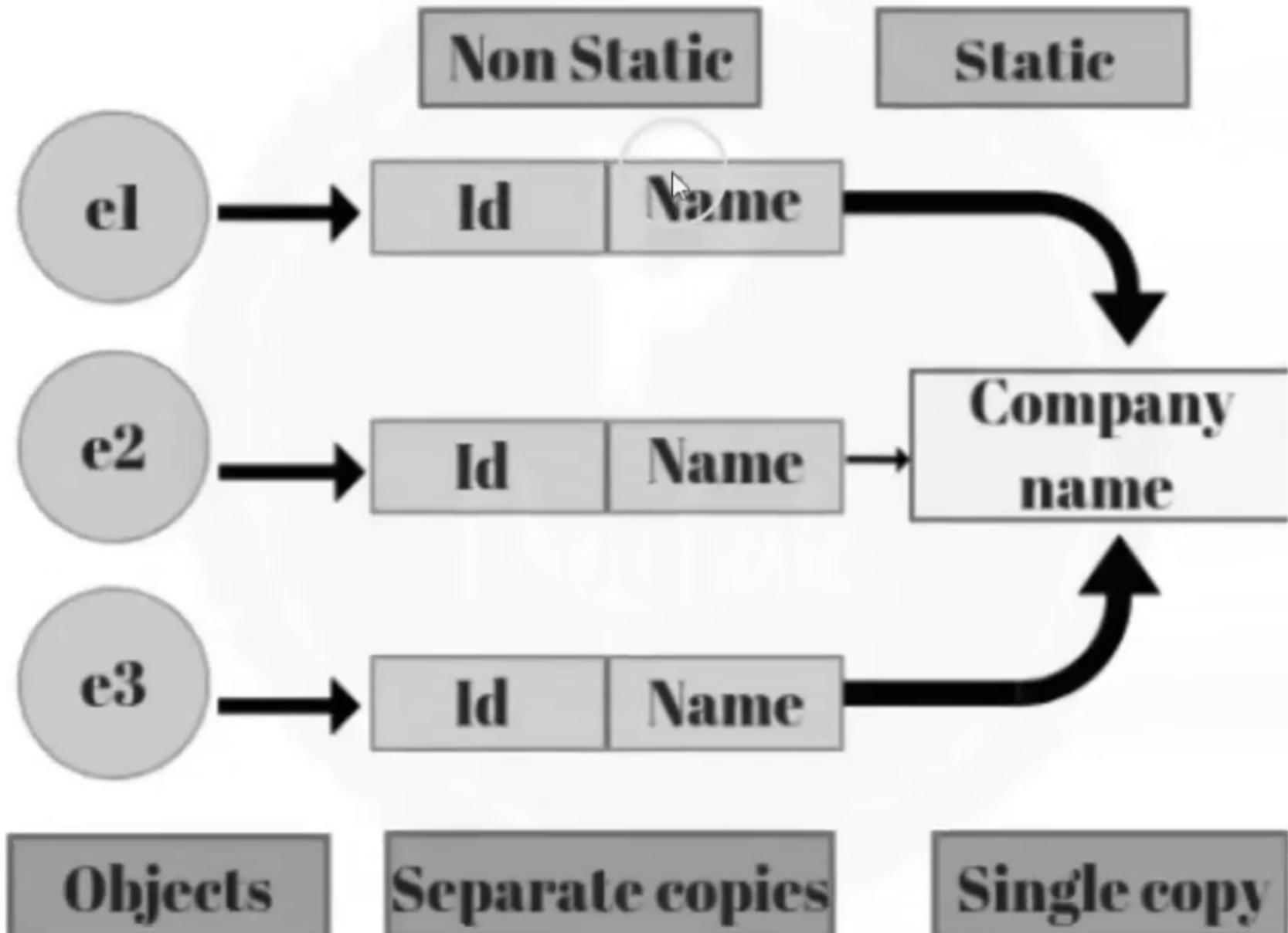
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Screenshot of the screencast-o-matic.com/account page.

The top navigation bar includes:

- Add to Your Account
- Search icon
- Upload icon
- Edit & Create icon
- Share icon
- Logout icon

The main header features:

- Non Static
- Static
- BLOG
- TUTORIALS
- SUPPORT

Below the header, there are tabs for:

- SCREENCAST MATIC
- for Education
- for Work
- for Developers
- Product
- Pricing

A user account section shows:

- mahathikalakonda@gmail.com
- Logout icon

The central content area displays a large banner with the text:

# Mix and match your videos!

With Premier, automatically transfer iPhone and iPad recordings to the desktop editor.

Call-to-action buttons include:

- Upgrade to Premier
- Start Recorder
- Open Video Editor
- Download Install

Other UI elements include:

- My Plan button
- Earn Rewards button
- My Uploads button
- How to manage uploads link
- Channels button
- No channels for this account message
- Single copy button

The bottom of the page includes a footer with links like "About Us", "Privacy Policy", "Terms of Service", and "Help".

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## My Uploads

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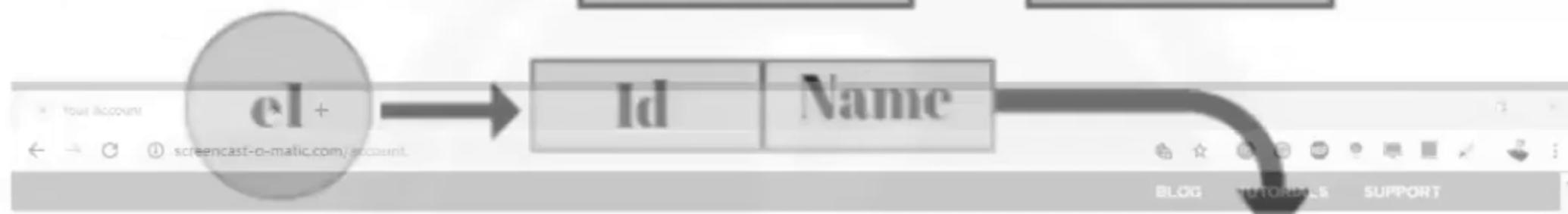
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## Non Static

## Static



SCREENCAST MATH for Education for Work for Developers Product Pricing

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Earn Rewards

My Uploads

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Single copy

Channels

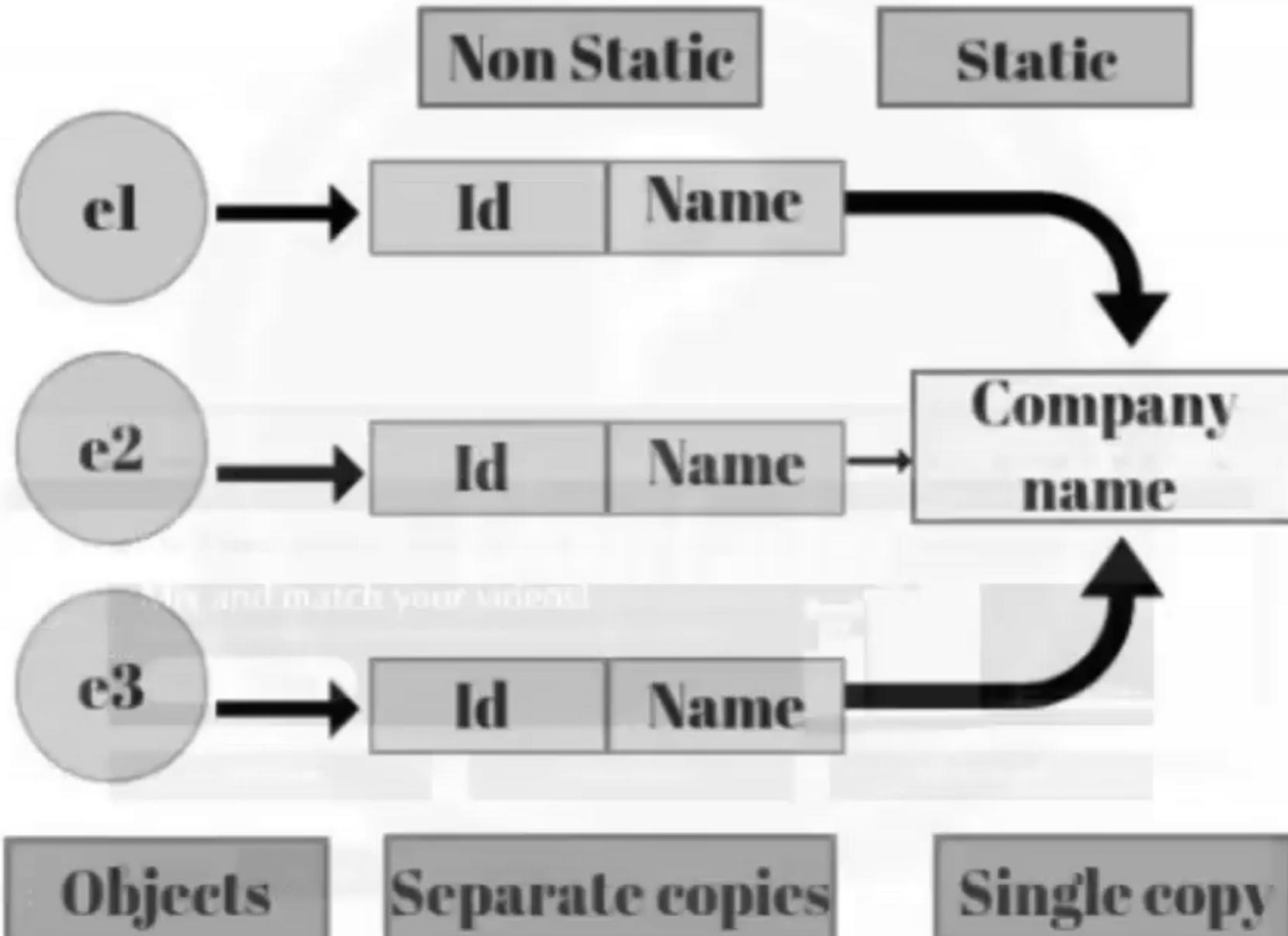
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