```java
1 package com.geetus;
2
3 class abcd
4         void m8() {
5             System.out.println("M8 Enter");
6             m4();
7             m6();
8             m7();
9             System.out.println("M8 Enter");
10        }
11        void m7() {
12            System.out.println("M7 Enter");
13            System.out.println("M7 Ended");
14        }
15
16        void m6() {
17            System.out.println("M6 enter");
18            System.out.println("M6 Ended");
19        }
20
21        void m5() {
22            System.out.println("M5 Enter");
23            m8();
24            System.out.println("M5 ended");
25        }
26        void m4() {
27            System.out.println("M4 enter");
28            System.out.println("M4 Ended");
29        }
30
31        void m3() {
32            System.out.println("Enter in M3");
33            m6();
34            m7();
35            System.out.println(" M3 Ended");
36        }
37
38
39     void m2() {
40         System.out.println("Enter in M2");
41         m4();
42         m5();
43         System.out.println("M2 Ended");
44     }
45     void m1() {
46         System.out.println(" Enter In M1");
47         m2();
48         m3();
49         System.out.println("M1 Ended");
50
51     }
52
53 }
54
55 public class oopsJava {
56     public static void main(String[] args) {
57
```

```
58          abcd obj= new abcd();
59          obj.m8();
60          obj.m3();
61
62      }
63
64 }
65
```