

```

1  /* AIM: WAP to define a counter function to print how many times the function is called. use
   storage classes.
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3  UIN: 241A010
4  DIV: A
5  DEPTT.: AI&DS
6  ROLL-NO: 10
7  */
8  #include<stdio.h>
9
10 void counter()
11 {
12     static int count = 0;
13     count++;
14     printf(" COUNTER FUNCTION CALLER : %d\n",count);
15 }
16
17 int main()
18 { int i;
19     printf("\t\t\t *** STORAGE CLASS ***\n");
20
21     for (i=1;i<=10;i++)
22     {
23         counter();
24     }
25
26     return 0;
27 }
28
29 /*          OUTPUT
30
31                *** STORAGE CLASS ***
32 COUNTER FUNCTION CALLER : 1
33 COUNTER FUNCTION CALLER : 2
34 COUNTER FUNCTION CALLER : 3
35 COUNTER FUNCTION CALLER : 4
36 COUNTER FUNCTION CALLER : 5
37 COUNTER FUNCTION CALLER : 6
38 COUNTER FUNCTION CALLER : 7
39 COUNTER FUNCTION CALLER : 8
40 COUNTER FUNCTION CALLER : 9
41 COUNTER FUNCTION CALLER : 10
42 */
43

```