## Static and Global Variable in Recursion

 A stack is created as , for every call each time a new variable will be created inside the memory and it'll have its value this is also know as local variable of a function

## **Example:**

• If static variables are inside recursive function don't show them in each tracing tree write them in global or outside variable and maintain a single copy of it

```
}
main()
{
    int a = 5;
    printf("%d", fun(a));
}
```