| Program No: 01 | Date: 23/07/2025 |
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Program Title :  Write programs to demonstrate the use of storage classes (local variable, global variable, static variable, register variable) in C.

```c
/*Program 1 USE DIFFERENT STORAGE CLASSES (LOCAL,GLOBAL,STATIC,REGISTER)
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*/

#include<stdio.h>
int a=10,b=10;  //global var
void display() {
    int c=10;
    static int d=10;    //static var
    printf("local under increment: %d\t static under increment:%d\n",c++,d++);
}
int main(){
    register int e=11;  //register var
    int b=5;    //local var
    printf("Global variable: %d\nLocal variable: %d\n",a,b);
    printf("Register variable: %d\n",e);
    printf("Static variable: \n");
    display();
    display();
    return 0;
}
```

Output

```
Global variable: 10
Local variable: 5
Register variable: 11
Static variable:
local under increment: 10       static under increment:10
local under increment: 10       static under increment:11
```