

Video No.: 70

Topic Name: Static and Dynamic Scoping - Part 2

In static scoping, definition of a variable is resolved by searching its containing block or function. If that fails then searching the outer containing block and so on.

Static Scoping Example:

```
#include<stdio.h>
int fun1(int);
int fun2(int);
int a = 5;

int main(){
    int a = 10;
    a = fun1(a);
    printf("a = %d",a);
}

int fun1(int b){
    b = b+10;
    b = fun2(b);
    return b;
}

int fun2(int b){
    int c;
    c = a+b;
    return c;
}
```

For Static Scoping
Output will be

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