

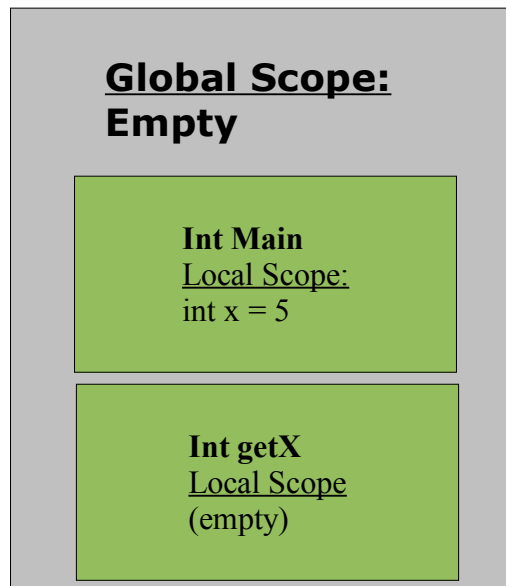
Variable Scope

- After a variable's scope is executed that variable is destroyed from memory.
- Variables cannot be accessed outside their scope. For example:

```
// Global scope
int main() {
    // Main function local scope
    int x = 5;
    getx();
    return 0;
}

int getX() {
    // getX function local scope
    return x;
}
```

The above program generates an error because:



To create a variable in the global scope one must create it outside of all function boddies. For example:

```
// Global scope
int x = 5;
int main() {
    // Main function local scope

    getX();
    return 0;
}

int getX() {
    // getX function local scope
    return x;
}
```