

10. PROGRAM ORGANIZATION

Local Variables

- Variables declared inside a function are said to be local to that function. Example:

```
float max(float a, float b)
{
    float big; /* big is a local variable */
    if (a > b)
        big = a;
    else
        big = b;
    return big;
}
```

- A local variable exists only when the enclosing function is executing.

Local Variables

- A local variable is visible only to statements in the enclosing function.
- Names of local variables can be used for other purposes in the same program.