Uninitialized Variables Read

The Uninitialized Variables Read report shows global, static and local variables that are read before they are ever initialized or set. The existence of this condition may be result from a simple failure to initialize the variables, or might indicate that some logic is faulty or missing. Consider the following:

```c
int globalA, globalB, globalC;
int func1(int param1, int param2) {
    int localA;
    localA = globalA;
    localA = globalB;
    localA = globalC;
    return localA;
}

int func2() {
    int localY, localZ, localX;
    int decision = 1;
    globalB = localA;
    if (decision) {
        globalB = localA;
    } else {
        globalC = localA;
    }
    localX = func1(localA, localX);
    return localX;
}
```

In the resulting report, localX and localZ are listed, as they are both read within func1 without having been initialized. The variable globalB is also reported, because its initialization is dependent on an if condition, while globalC is initialized regardless of whether or not the if condition is met.