```cpp
#include "StdAfx.h"
#include "Helper.h"

#ifndef DEBUG_FILE
#define DEBUG_FILE "C:\\Users\\Public\\Documents\\filename.txt"
#endif

double deg2rad(double angle) {
    return (angle * M_PI / 180);
}

double rad2deg(double angle) {
    return (angle * 180 / M_PI);
}

double round(double value, int power) {
    return ceil(value * pow(10, power)) / pow(10, power);
}

double cat(double hyp, double cat) {
    return sqrt(pow(hyp, 2) - pow(cat, 2));
}

double hyp(double cat1, double cat2) {
    return sqrt(pow(cat1, 2) + pow(cat2, 2));
}

double sind(double angle) {
    return sin(deg2rad(angle));
}

double cosd(double angle) {
    return cos(deg2rad(angle));
}

double tand(double angle) {
    return tan(deg2rad(angle));
}

double cotd(double angle) {
    return 1 / tan(deg2rad(angle));
}

double asind(double value) {
    return rad2deg(asin(value));
}

double acosd(double value) {
    return rad2deg(acos(value));
}

double atand(double value) {
    return rad2deg(atan(value));
}

double acotd(double value) {
    return rad2deg(atan(1 / value));
}

```

```
60 void setSafeArrayParameters(_variant_t* var_array, LPDISPATCH** objects,
61     long* lCount, long* lBound, long* uBound) {
62     HRESULT hr;
63     hr = SafeArrayAccessData(psa: var_array->parray, ppvData: (void**)
       objects);
64     hr = SafeArrayUnaccessData(psa: var_array->parray);
65     hr = SafeArrayGetLBound(psa: var_array->parray, nDim: 1, plLbound:
       lBound);
66     hr = SafeArrayGetUBound(psa: var_array->parray, nDim: 1, plUbound:
       uBound);
```