

```
#include <cula.h>
#include <stdlib.h>
#include <stdio.h>

int main(){

    culaStatus s;
    int info;
    char buf[256];

    s = culaInitialize();
    if(s != culaNoError) {
        printf("%s\n", culaGetErrorInfo());
    }

    s = culaSgeqr(-1, -1, NULL, -1, NULL); /* obviously wrong */ if(s != culaNoError)

    if(s != culaNoError)
    {
        if(s == culaArgumentError)
            printf("Argument %d has an illegal value\n", culaGetErrorInfo());
        else
        {
            info = culaGetErrorInfo(); culaGetErrorInfoString(s, info, buf, sizeof(buf));
            printf("%s", buf);
        }
    }

    culaShutdown();
}
```