

Checking That Libraries are Linked Correctly

```
#include <cula.h>

int MeetsMinimumCulaRequirements()
{
    int cudaMinimumVersion = culaGetCudaMinimumVersion();
    int cudaRuntimeVersion = culaGetCudaRuntimeVersion();
    int cudaDriverVersion = culaGetCudaDriverVersion();
    int cublasMinimumVersion = culaGetCublasMinimumVersion();
    int cublasRuntimeVersion = culaGetCublasRuntimeVersion();

    if(cudaRuntimeVersion < cudaMinimumVersion)
    {
        printf("CUDA runtime version is insufficient; "
               "version %d or greater is required\n", cudaMinimumVersion);
        return 0;
    }

    if(cudaDriverVersion < cudaMinimumVersion)
    {
        printf("CUDA driver version is insufficient; "
               "version %d or greater is required\n", cudaMinimumVersion);
        return 0;
    }

    if(cublasRuntimeVersion < cublasMinimumVersion)
    {
        printf("CUBLAS runtime version is insufficient; "
               "version %d or greater is required\n", cublasMinimumVersion);
        return 0;
    }

    return 1;
}
```