Solution	for	DL
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Following Solution given in worksheet the library and all files are generated.

These files are placed in the follow lades\_dynamic

In order to compile the program:

(1) - Do the standard command to obtain cak.obj, however now need the DEXPORTING plag.

>> cl calc.cpp /c /EHSC / DEXPORTING

C:\Users\dndew\Documents\Projects\2023\_Yr2Computing\Worksheet 3>cl calc.cpp /c /DEXPORTING /EHsc Microsoft (R) C/C++ Optimizing Compiler Version 19.34.31937 for x64 Copyright (C) Microsoft Corporation. All rights reserved.

calc.cpp

The DEXPORTING flag indicates that some functions are exported and used by other programs. Our DH for example

(2) Next new to 'link' the program and library togethes.

C:\Users\dndew\Documents\Projects\2023\_Yr2Computing\u00edWorksheet 3>link calc.obj libadder.lib /out:calc\_dynamic.exe /libpath:adder\_dynamic Microsoft (R) Incremental Linker Version 14.34.31937.0 Copyright (C) Microsoft Corporation. All rights reserved.

(3) Important -> if you now run calc-dynamic eve an error will appear saying it comot find the DLL.

You need to include the location of the DLL to path so that program can find it during runtime.

for example: