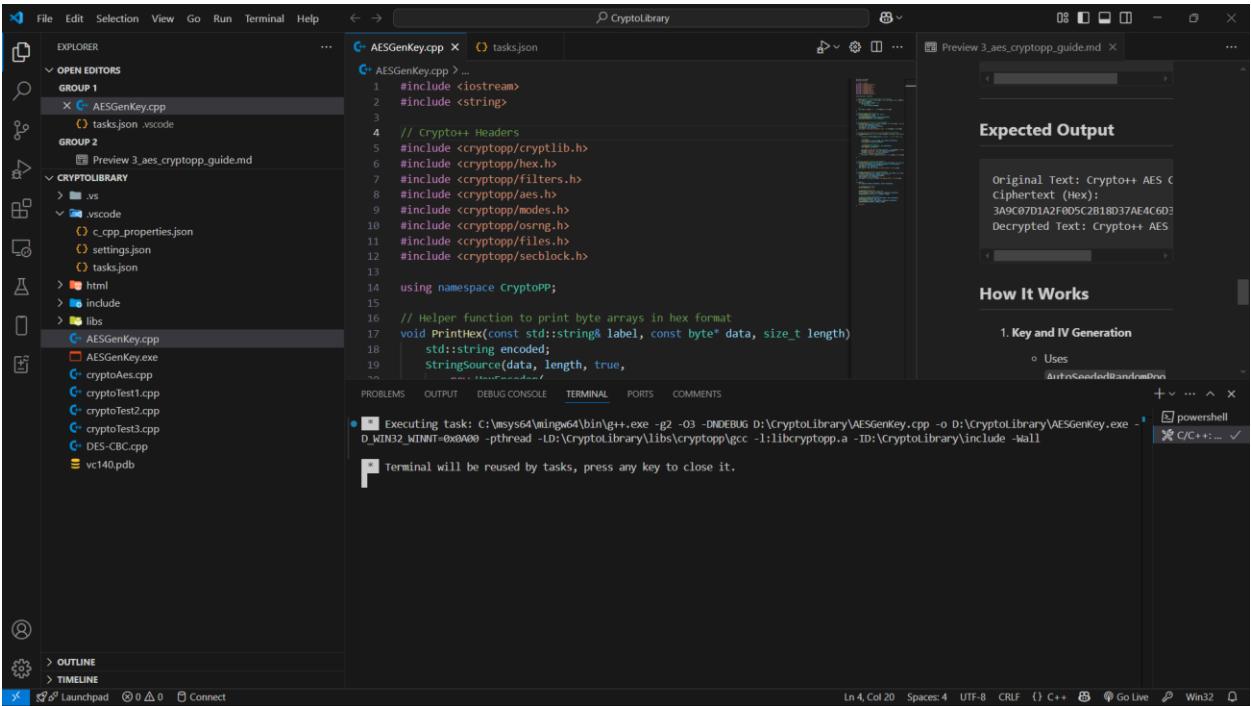
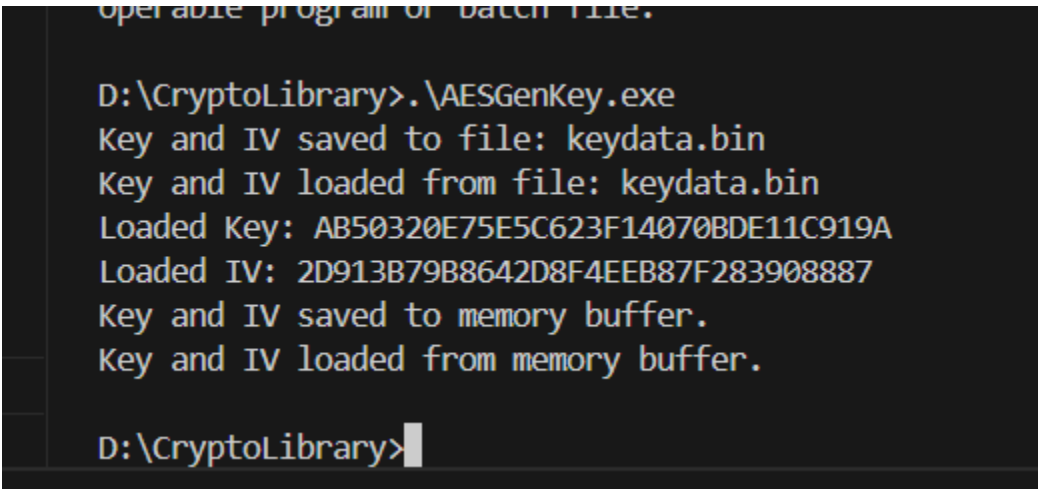


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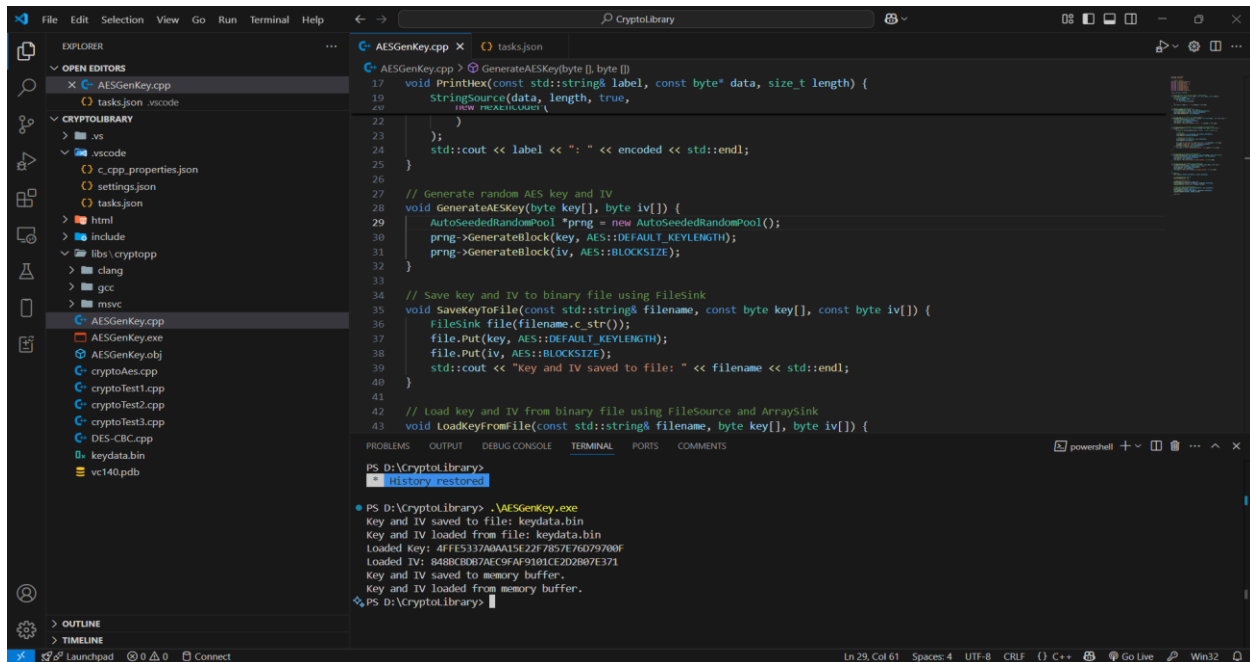
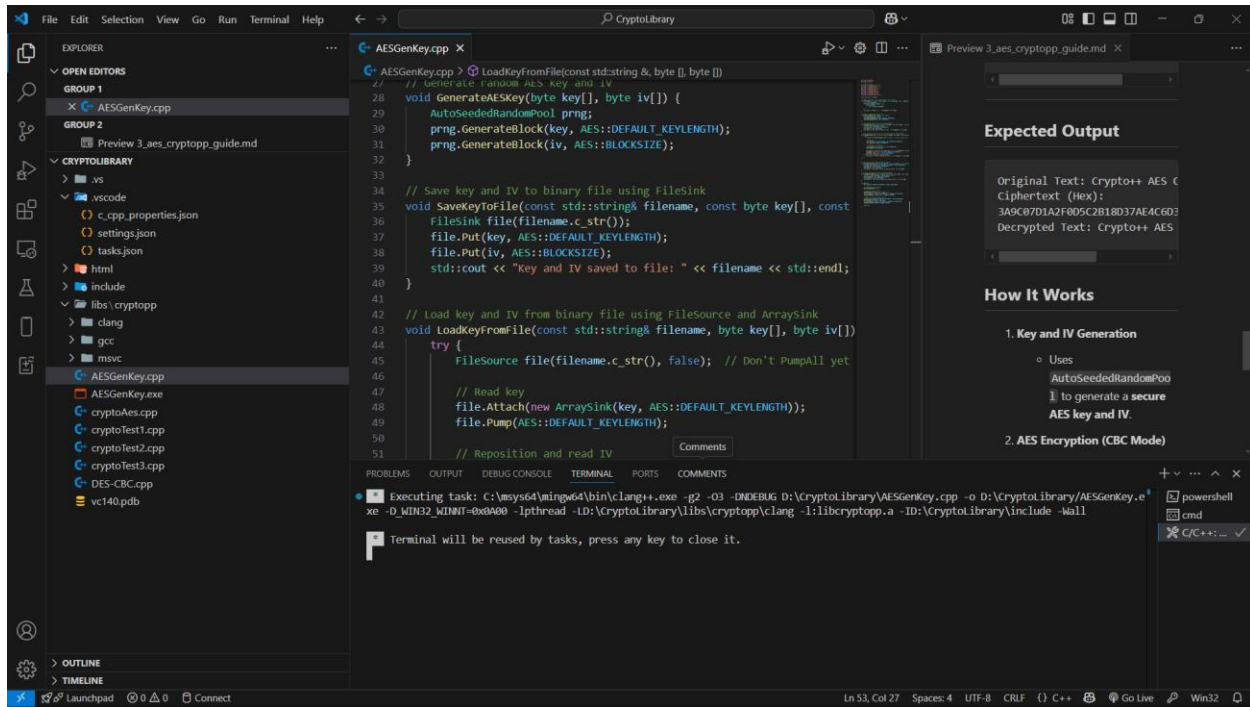
1. G++



html	25/03/2025 4:42 CH	File folder	
include	11/03/2025 4:41 CH	File folder	
libs	11/03/2025 4:41 CH	File folder	
AESGenKey.cpp	25/03/2025 4:23 CH	CPP File	4 KB
AESGenKey.exe	25/03/2025 4:23 CH	Application	21.801 KB

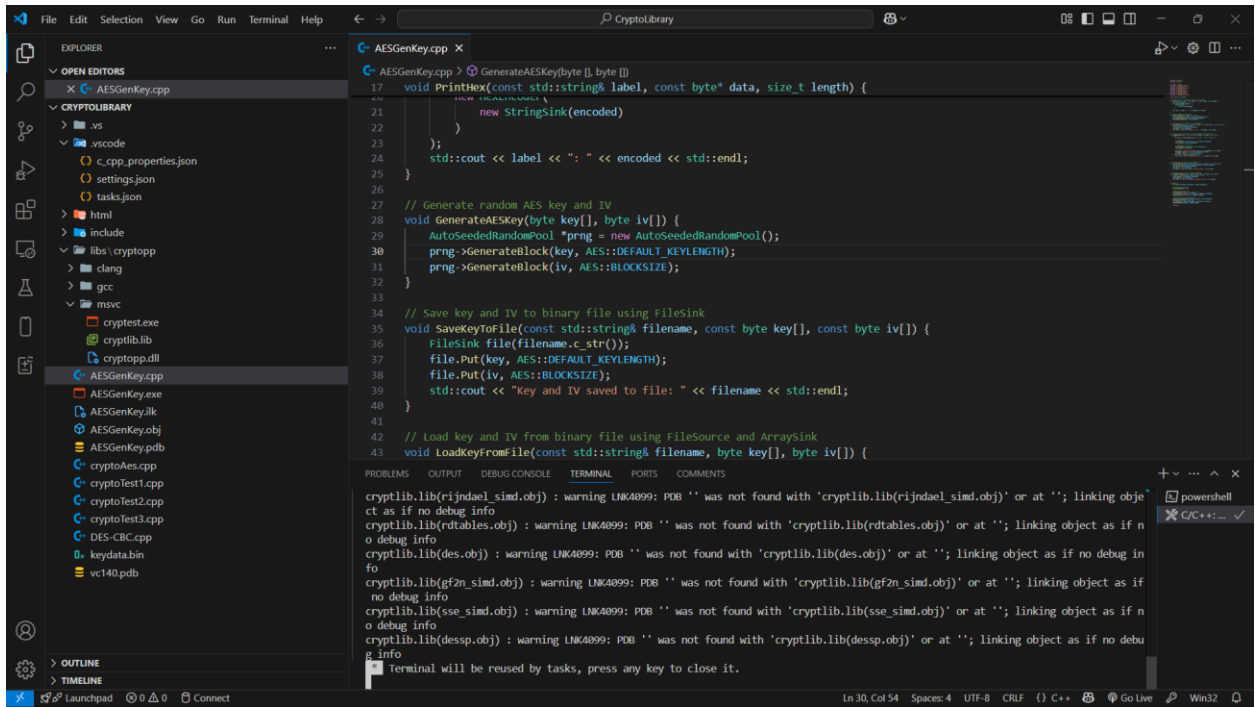


2. Clang



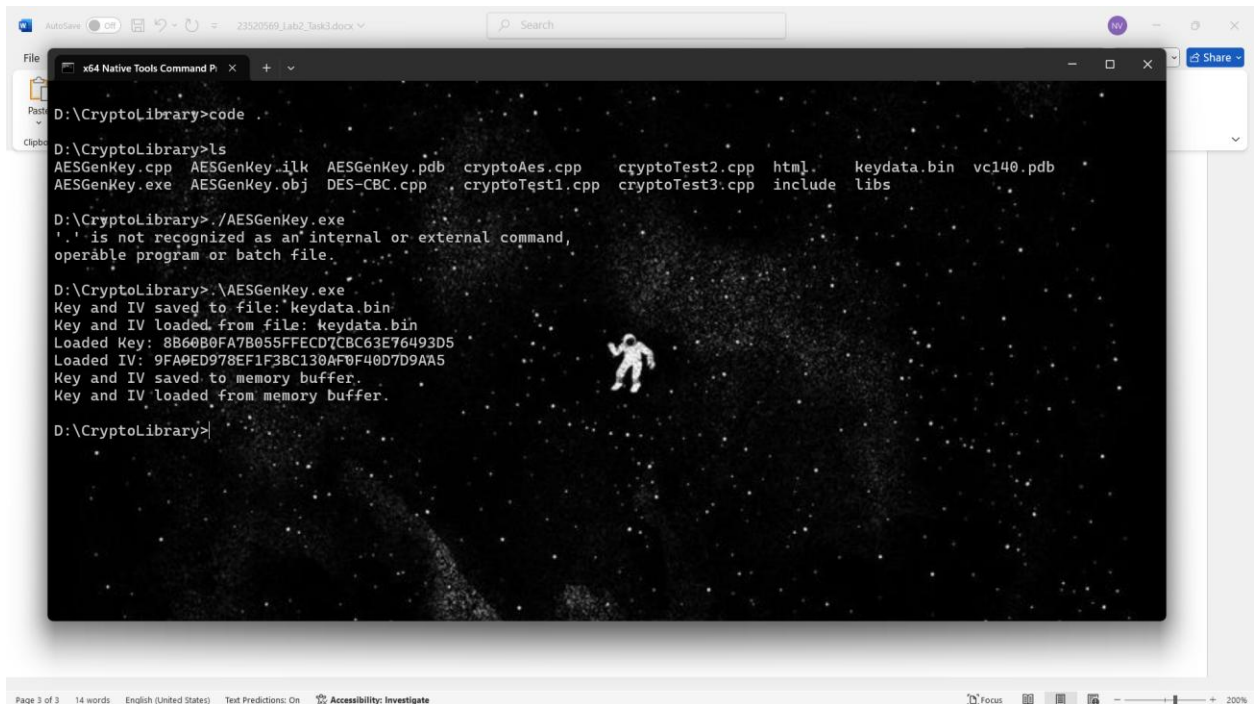
include	11/03/2025 4:41 CH	File folder	
libs	11/03/2025 4:41 CH	File folder	
AESGenKey.cpp	25/03/2025 4:48 CH	CPP File	4 KB
AESGenKey.exe	25/03/2025 4:48 CH	Application	5.708 KB
AESGenKey.obj	25/03/2025 4:36 CH	3D Object	1.563 KB

3. Msvc



The screenshot shows the Visual Studio Code editor with the file `AESGenKey.cpp` open. The code defines a `GenerateAESKey` function that generates a random AES key and IV, saves them to a binary file named `keydata.bin`, and loads them back from the file. The `main` function calls `GenerateAESKey` and prints the key and IV. The terminal output shows the following messages:

```
Key and IV saved to file: keydata.bin
Key and IV loaded from file: keydata.bin
Loaded Key: 8B60B0FA7B055FFEC7C6C63E76493D5
Loaded IV: 9FA0ED978EF1F3BC130AF0F40D7D9AA5
Key and IV saved to memory buffer.
Key and IV loaded from memory buffer.
```



The screenshot shows the x64 Native Tools Command Prompt with the following commands and output:

```
D:\CryptoLibrary>code
D:\CryptoLibrary>ls
AESGenKey.cpp AESGenKey_ilk AESGenKey.pdb cryptoAes.cpp cryptoTest2.cpp html keydata.bin vc140.pdb
AESGenKey.exe AESGenKey.obj DES-CBC.cpp cryptoTest1.cpp cryptoTest3.cpp include libs

D:\CryptoLibrary>./AESGenKey.exe
'.' is not recognized as an internal or external command,
operable program or batch file.

D:\CryptoLibrary>.\AESGenKey.exe
Key and IV saved to file: keydata.bin
Key and IV loaded from file: keydata.bin
Loaded Key: 8B60B0FA7B055FFEC7C6C63E76493D5
Loaded IV: 9FA0ED978EF1F3BC130AF0F40D7D9AA5
Key and IV saved to memory buffer.
Key and IV loaded from memory buffer.

D:\CryptoLibrary>
```

include	11/03/2025 4:41 CH	File folder	
libs	11/03/2025 4:41 CH	File folder	
AESGenKey.cpp	25/03/2025 4:48 CH	C++ File	4 KB
AESGenKey.exe	25/03/2025 4:52 CH	Application	5.517 KB
AESGenKey.ilc	25/03/2025 4:52 CH	Incremental Linker	20.047 KB

