

WarmUp

1. Is this code valid?

- ☐ (A) Yes
- ☐ (B) No

```
vector<int> foo1() {  
    vector<int> vect(3);  
    return vect;  
}
```

2. How might you assign a new vector with a returned vector using the given function? (Select all that are correct)

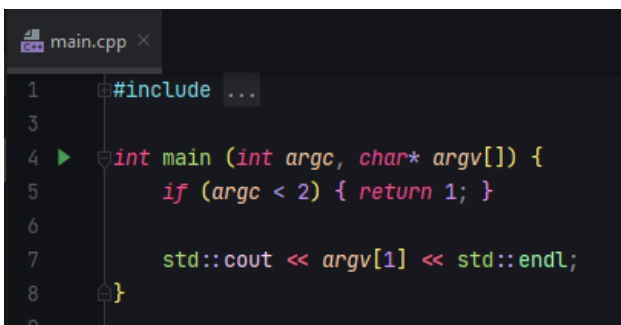
- ☐ (A) `vector<int> a;`
`a = foo1();`
- ☐ (B) `vector<int> foo1();`
- ☐ (C) `vector<int> a = foo1();`
- ☐ (D) `vector<foo1()> a;`

```
vector<int> foo1();
```

3. Which library is needed for a filestream?

- ☐ (A) `<ofstream>` & `<ifstream>`
- ☐ (B) `<fstream>`
- ☐ (C) `<iostream>`
- ☐ (D) `<sstream>`

4.



```
1  #include ...  
3  
4  int main (int argc, char* argv[]) {  
5      if (argc < 2) { return 1; }  
6  
7      std::cout << argv[1] << std::endl;  
8  }  
9
```

Write the command line to compile this file.

5. Which one correctly runs the program and gives a file name? (Select all that are correct)

- ☐ **A** g++ main.cpp file.txt
- ☐ **B** a.exe file.txt
- ☐ **C** ./a.out file.txt
- ☐ **D** a.exe
- ☐ **E** ./a.out
- ☐ **F** g++ main.cpp