C++ Program Execution Model

```
• • •
                                                                                            Compiler
import utilities;
int main()
  int a = 10;
  int b = 5;
  int c;
                                                                                             Binary
  print_msg("Statement 1");
  print_msg("Statement 2");
                                                                                      c = f_add(a, b);
  print_number(c);
  print_msg("Statement 3");
                                                                                       a = 10
                                                                                               (int)
  print_msg("Statement 4");
                                                                                               (int)
                                                                                       b = 5
                                                                                               (int)
  return 0;
                                                                                       print("Statement 1")
                                                                                       print("Statement 2")
                                                                                       c = f_add(a,b)
                                                                                       print("Statement 3")
                                                                                       print("Statement 4")
                                                                                       end
```

Note to the instructor: Use PPT Slide to show this model interactively

CMakeLists.txt

CMakePresets.json

utilities.ixx

main.cpp

vcpkg.jeen

CMake: The glue

vcpkg: Fetching dependencies