

Thread Function with Arguments Exercises

Hello thread program

- Rewrite the "Hello thread" program so that the thread entry point is
 - A functor (a class with an overloaded () operator)
 - A lambda expression
 - A member function of a class

Thread function with arguments

- Write a program with a thread that receives two ints, prints their values and displays their sum
- Use
 - A regular function
 - A functor
 - A lambda expression
- Test your program for all three cases

Thread function with reference arguments

- Write a program with a thread that receives an int by reference, and doubles it. The main() function then displays the new value
- Use
 - A regular function
 - A functor
 - A lambda expression
- Test your program for all three cases

Thread function with pass by move

- Write a program with a thread that receives an int by move, and prints it out. The main() function then displays the value of the moved-from string.
- Use
 - A regular function
 - A functor
 - A lambda expression
- Test your program for all three cases
- Are there any issues with this program?

Thread function with pass by move

- Are there any issues with this program?