Homework 4. Review of a paper on implementation of threads

Read the paper [H. Boehm: Threads cannot be implemented as a library, ACM PLDI, 2005](#), also available from https://www.hpl.hp.com/techreports/2004/HPL-2004-209.pdf.

Write your own critical review on the paper. Identify parts of text which you disagree with, explain why.

Focus on section *4 Correctness issues,* which is subdivided into 3 subsections. Each subsection presents a C/POSIX code fragment which supports the claim from the title. Identify the subsection or subsections with incorrect reasoning (hint: there is at least one). Explain as clearly as you can why you consider the reasoning incorrect.

The author suggests (e.g. in the last paragraph of Section 1) to address the issues by incorporating the concepts of threads into programming languages (including not yet existing ones), compilers, perhaps even processors. In your review, state your own opinion on how to fix the issues.