Starting with your solution to homework 5 (Reynold’s interpreter) apply each of the transformations discussed in class, and listed below, to arrive at an implementation of the CEK machine. You need to turn in each of the intermediate programs in addition to the final CEK machine. All of them will be tested and graded.

1. Defunctionalize the functions associated with defined-language functions.
2. Convert to continuation passing style.
3. Defunctionalize the continuations.
4. Inline the calls to apply\_lam and apply\_cont.