BlockApps Backend Developer

Interview Task:

Scenario:
The BlockApps CTO has a bunch of scanned photo negatives (from the 90s, of course), all stored in BMP format.... (see https://en.wikipedia.org/wiki/BMP_file_format)

Also, due to an unfortunately timed solar flare, all BMP image software across the globe has been destroyed forever.

Task:
Please help by writing some code that will convert these photo negatives back to the original photos.

Details:

- You have 4 days to complete this task, timing matters! After day 4, another solar flare will destroy the photo negatives, and the code will become useless
- Write up documentation on how to use the tool
- Cut corners to get this working, but discuss with me (Natasha Hormuzdiar at natasha@blockapps.net) personally first, so that we know that this will work properly for the use case

and

- Please only submit in a statically typed language (preferably a functional language)