1. What effects may prefetching have on

   (a) compulsory misses?

   (b) capacity misses?

   (c) conflict misses?

2. Assume you have a cache where cache lines are 32 bytes. Also assume that integers take 4 bytes.

   Write a loop in C that performs significantly better when using a *strided prefetcher* than when using a *one block lookahead scheme*.