```python
def gemm(N : size,      M : size,      K : size,
         A : f32[N,K], B : f32[K,M], C : f32[N,M]):
    for i in seq(0,N):
        for j in seq(0,M):
            for k in seq(0,K):
                C[i,j] += A[i,k] * B[k,j]
```
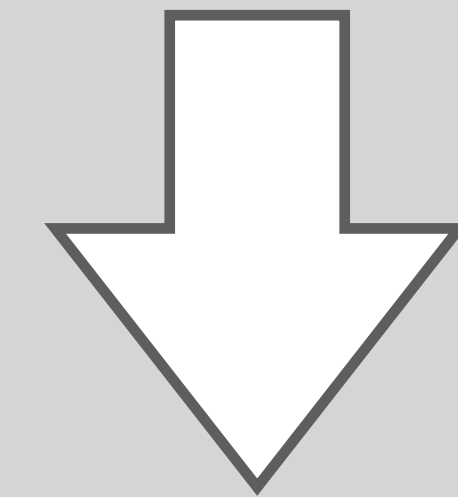
```c
void gemm(int N, int N, int K,
          float *A, float *B, float *C) {
    for (int i=0; i < N; i++) {
        for (int j=0; j < M; j++) {
            for (int k=0; k < K; k++) {
                C[i,j] += A[i,k] * B[k,j];
    }}}
```