

```
void mm(float **A, float **B, float **C, int ambn, int an, int bm) {
    int i, j, n;

    for(i = 0; i < an; i++) {
        for(j = 0; j < bm; j++) {
            C[i][j] = 0.0f;
            for(n = 0; n < ambn; n++) {
                C[i][j] += A[i][n] * B[n][j];
            }
        }
    }
}
```

```
chill test2.script
for(t2 = 0; t2 <= an-1; t2++) {
    for(t4 = 0; t4 <= bm-1; t4++) {
        s0(t2,t4,0);
        s1(t2,t4,0);
        for(t6 = 1; t6 <= ambn-1; t6++) {
            s1(t2,t4,t6);
        }
    }
}
```

```
for(t2 = 0; t2 <= an-1; t2++) {
    for(t4 = 0; t4 <= bm-1; t4++) {
        s0(t2,t4,0);
    }
}
for(t2 = 0; t2 <= an-1; t2++) {
    for(t4 = 0; t4 <= bm-1; t4++) {
        for(t6 = 0; t6 <= ambn-1; t6++) {
            s1(t2,t4,t6);
        }
    }
}
```

```
invalid permutation for statement 1 at line 14
#
```