

```
stat = cublasSetMatrix (M, N, sizeof(*a) , a, M, devPtrA , M);
if (stat != CUBLAS_STATUS_SUCCESS) {
    printf ("data download failed");
    cudaFree (devPtrA);
    cublasDestroy(handle);
    return EXIT_FAILURE;
}
modify (handle, devPtrA, M, N, 2, 3, 16.0f, 12.0f);
stat = cublasGetMatrix (M, N, sizeof(*a) , devPtrA, M, a, M);
if (stat != CUBLAS_STATUS_SUCCESS) {
    printf ("data upload failed");
    cudaFree (devPtrA);
    cublasDestroy(handle);
    return EXIT_FAILURE;
}
cudaFree (devPtrA);
cublasDestroy(handle);
for (j = 1; j <= N; j++) {
    for (i = 1; i <= M; i++) {
        printf ("%7.0f", a[ IDX2F(i,j,M)]);
    }
    printf ("\n");
}
return EXIT_SUCCESS;
}
```