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Assignment #3

Code:

```
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<pthread.h>

#define M 3
#define K 2
#define N 3

#define N 3

#include<pthread.h>

#in
```

```
49 void assignValues()//assigns values to the structure
50 {
             struct Matrix m;
            int A[M][K] = {{1, 4}, {2, 5}, {3, 6}};
int B[K][N] = {{8, 7, 6}, {5, 4, 3}};
//Assigning values to Matrix A
             for (int i = 0; i<M ; i++)</pre>
                      for (int j = 0; j < K; j++)</pre>
                                m.A[i][j] = A[i][j];
б4
             for (int i = 0; i < K; i++)</pre>
                      for (int j = 0; j < N; j++)</pre>
                                m.B[i][j] = B[i][j];
             //Matrix C (this will be the result matrix)
             for (int i = 0; i<M; i++)</pre>
                      for (int j = 0; j < N; j++)
                                m.C[i][j] = 0;
                      }
            struct Matrix *ptr = &m;
            pthread_t id;
            pthread_create(&id, NULL, multipyMatrix, (void*)ptr);
            pthread_join(id, NULL);
93 }
95 int main(){
            struct Matrix m;
            assignValues(m);
            return 0;
103
```

Output: