

```
1 #include <windows.h>
2 #include <stdio.h>
3 #define SHM_SIZE 1024
4 int main() {
5     HANDLE hMapFile;
6     char *shm_ptr;
7     hMapFile = CreateFileMapping(INVALID_HANDLE_VALUE, NULL, PAGE_READWRITE, 0, SHM_SIZE, "MySharedMemory");
8     if (hMapFile == NULL) {
9         printf("Could not create file mapping object (%d).\n", GetLastError());
10        return 1;
11    }
12    shm_ptr = (char*) MapViewOfFile(hMapFile, FILE_MAP_ALL_ACCESS, 0, 0, SHM_SIZE);
13    if (shm_ptr == NULL) {
14        printf("Could not map view of file (%d).\n", GetLastError());
15        CloseHandle(hMapFile);
16        return 1;
17    }
18    strcpy(shm_ptr, "Hello! shared memory");
19    printf("Data written to shared memory: %s\n", shm_ptr);
20    UnmapViewOfFile(shm_ptr);
21    CloseHandle(hMapFile);
22    return 0;
23 }
```



C:\Users\user\Documents\Un



Data written to shared memory: Hello! shared memory

Process exited after 0.02728 seconds with return value 0
Press any key to continue . . . |