

CS609-System Programming
Assignment No.2 Solution
Semester: SPRING 2023

Total marks = 20
Deadline
10th of July 2023

Please Carefully Read the Following instructions before attempting the Assignment Solution

NOTE

Don't copy-paste the same answer.

Make sure you can make some changes to your solution file before submitting copy paste solution will be marked zero.

If you found any mistake then correct yourself and inform me.
Before submitting an assignment/GDB check your assignment requirement file.

For any query, feel free to Contact at Whatsapp:
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Provide by M.JUNAID QAZI

```
#include <windows.h>
#include <stdio.h>

int main() {
    HANDLE hProcess = GetCurrentProcess();

    // Task 1: Create job object
    HANDLE hJob = CreateJobObject(NULL, TEXT("MyJobObject"));
    if (hJob == NULL) {
        printf("Failed to create the job object. Error: %d\n", GetLastError());
        return 1;
    }

    // Task 2: Set job object restrictions
    JOBOBJECT_BASIC_UI_RESTRICTIONS jbui;
    ZeroMemory(&jbui, sizeof(jbui));
    jbui.UIRestrictionsClass = JOB_OBJECT_UILIMIT_READCLIPBOARD;
```

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```
    if (!SetInformationJobObject(hJob, JobObjectBasicUIRestrictions, &jbui, sizeof(jbui))) {
        printf("Failed to set job object information. Error: %d\n", GetLastError());
        CloseHandle(hJob);
        return 1;
    }

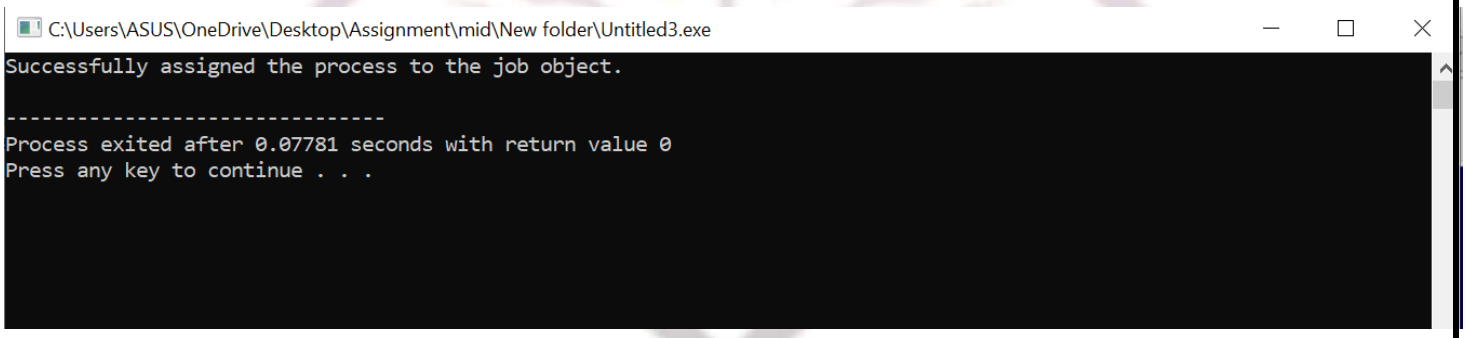
    // Task 3: Assign process to the job object
    if (!AssignProcessToJobObject(hJob, hProcess)) {
        printf("Failed to assign the process to the job object. Error: %d\n", GetLastError());
        CloseHandle(hJob);
        return 1;
    }

    printf("Successfully assigned the process to the job object.\n");

    CloseHandle(hJob);

    return 0;
}
```

OutPut:



Every assignment/GDB is change due to unique Student ID so Don't Copy

That is truly perfect step by step idea solution get help easily.

By The Way if there is any Mistake you found, correct it yourself First Then Submit.

Thanks

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