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QUESTION NO 1:
SOLUTION:

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



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```
int main() {
    // Task 1: Create a Job object
    HANDLE hJob = CreateJobObject(NULL, "MyJobObject");
    if (hJob == NULL) {
        printf("Error creating job object.\n");
        return 1;
    }

    // Task 2: Set limits for the job object
    JOBOBJECT_BASIC_UI_RESTRICTIONS uiRestrictions;
    uiRestrictions.UIRestrictionsClass =
JOB_OBJECT_UI_RESTRICTION_READCLIPBOARD;

    if (!SetInformationJobObject(hJob,
JobObjectBasicUIRestrictions, &uiRestrictions,
sizeof(uiRestrictions))) {
        printf("Error setting job object limits.\n");
        CloseHandle(hJob);
        return 1;
    }

    // Task 3: Assign the process to the job object
    // Obtain a handle to the process you want to assign to the job
object
```

```
    DWORD processId = 1234;  // Replace with the actual process ID
    HANDLE hProcess = OpenProcess(PROCESS_ALL_ACCESS, FALSE, processId);
    if (hProcess == NULL) {
        printf("Error opening process.\n");
        CloseHandle(hJob);
        return 1;
    }

    if (!AssignProcessToJobObject(hJob, hProcess)) {
        printf("Error assigning process to job object.\n");
        CloseHandle(hProcess);
        CloseHandle(hJob);
        return 1;
    }

    // Success!
    printf("Process successfully assigned to job object.\n");
    CloseHandle(hProcess);
    CloseHandle(hJob);

    return 0;
}
```

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OUT PUT:

```
Process successfully assigned to job object.
```