```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <direct.h>
int main() {
    char mainDirectory[] = "C:\\Users\\manoj\\Desktop";
    char subDirectory[] = "os";
    char fileName[] = "example.txt";
    char mainDirPath[200];
    char filePath[200];
    snprintf(mainDirPath, sizeof(mainDirPath), "%s\\%s", mainDirectory, subDirectory);
    _mkdir(mainDirPath);
    snprintf(filePath, sizeof(filePath), "%s\\%s", mainDirPath, fileName);
    FILE *file = fopen(filePath, "w");
    if (file == NULL) {
        perror("fopen");
        return 1;}
    fprintf(file, "This is an example file content.");
    fclose(file);
    printf("File created successfully\n");
    return 0;
}
```

```
File created successfully


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Process exited after 12.33 seconds with return value 0
Press any key to continue . . .
```