

## **Practical No 10**

- Program 1 : write a c program to copy the content of one file to another file .

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

```
int main() {
```

```
    FILE *source, *destination;
```

```
    char ch;
```

```
    source = fopen("source.txt", "r");
```

```
    if (source == NULL) {
```

```
        printf("Error: Unable to open source file.\n");
```

```
        return 1;
```

```
    }
```

```
    destination = fopen("destination.txt", "w");
```

```
    if (destination == NULL) {
```

```
        printf("Error: Unable to open destination file.\n");
```

```
        fclose(source);
```

```
        return 1;
```

```
    }
```

```
    while ((ch = fgetc(source)) != EOF) {
```

```
        fputc(ch, destination);
```

```
    }
```

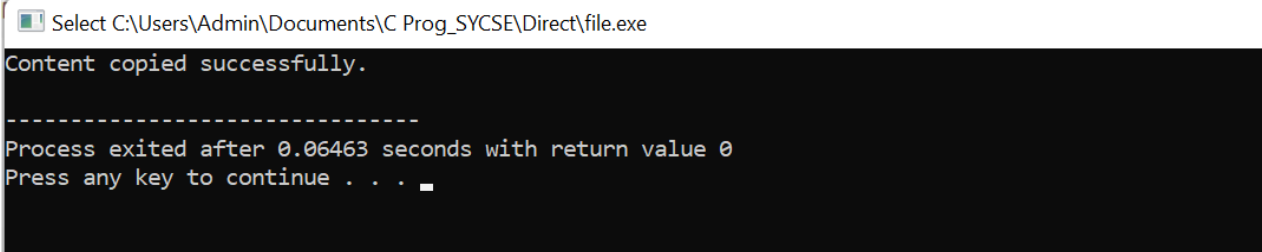
```
    printf("Content copied successfully.\n");
```

```
    fclose(source);
```

```
    fclose(destination);
```

```
    return 0;  
}
```

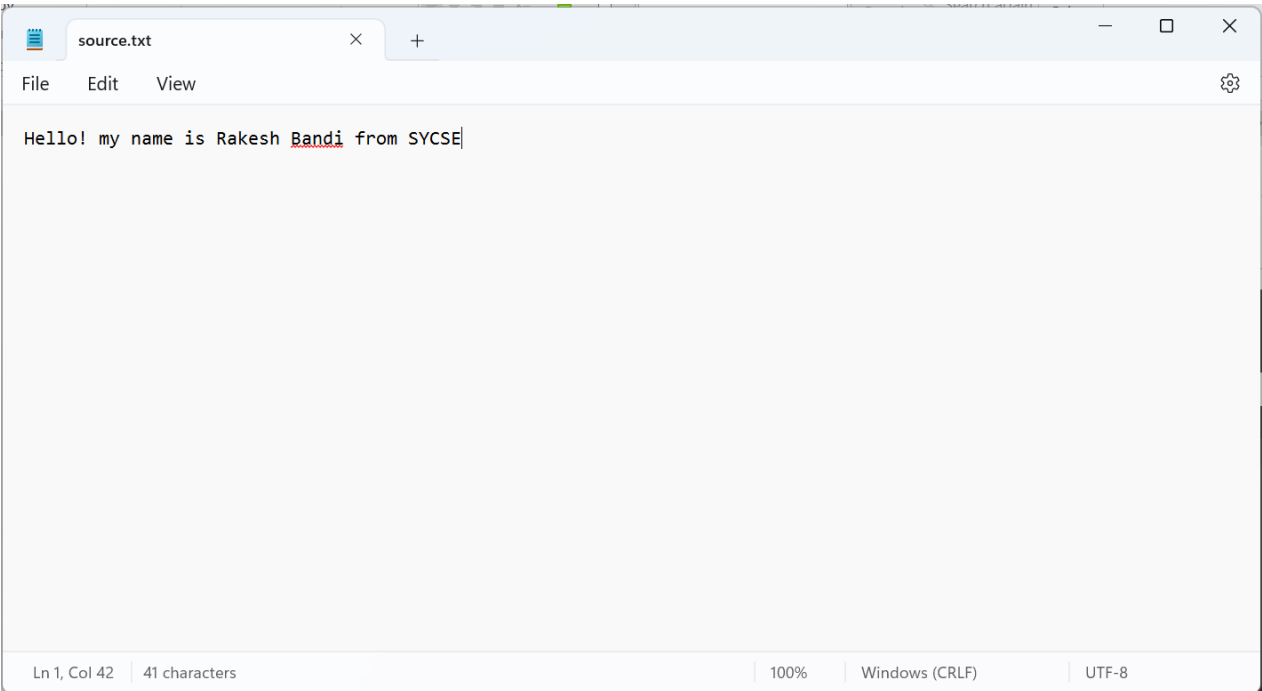
## Output:



The screenshot shows a Windows command prompt window with the title bar "Select C:\Users\Admin\Documents\C Prog\_SYCSE\Direct\file.exe". The output text is as follows:

```
Content copied successfully.  
  
-----  
Process exited after 0.06463 seconds with return value 0  
Press any key to continue . . .
```

## Source.txt File



The screenshot shows a text editor window with the title bar "source.txt". The menu bar includes "File", "Edit", and "View". The text content is:

```
Hello! my name is Rakesh Bandi from SYCSE|
```

The status bar at the bottom indicates "Ln 1, Col 42", "41 characters", "100%", "Windows (CRLF)", and "UTF-8".

# Destination.txt File

source.txt

destination.txt

×

+

—

□

×

File Edit View

Ln 1, Col 1 | 41 characters | 100% | Windows (CRLF) | UTF-8

Hello! my name is Rakesh Bandi from SYCSE