Assignment 2

Task 1

Write a C++ function in which it reads **names** from file "**data.txt**" into character array and remove the repeating names. Write your updated names list in another file called **"output.txt"**

Example:
```
Data.txt
```

```
Hira
Ali
Ahmad
Imran
Ali
Warda
Annie
Ali
Kinza
Hira
```

```
Output.txt
```
```
Hira
Ali
Ahmad
Imran
Warda
Annie
Kinza
```

Task 2

Write a C++ program that finds and reverse all the occurrences of a substring, *pat*, in a string, *text*. Show the output on console. The data is read from a user provided input file named as **"input.txt"**.

Example:
```
text: abcduyeruyabcdmneaabcabcd
pat: abcd
text: dcbauyeruydcbamneaabcdcba
```

Note: Use separate functions for each functionality