**Worksheet 9**

1. Write a program that takes input from a user of a single word and writes it to a file.
2. Modify this program so that it takes a line of text from the user and writes it to a file in reverse order.
3. Write a program that reads data from a pre-existing text file (which you should create) and writes it to a backup file with the words in reverse order.
4. Write another program that reads the same file and appends to the backup file with the case of each letter reversed (upper case becomes lower case etc.)
5. Write a program that accepts the following input from the user about a car: Make, model, fuel type, transmission type, year and registration number. Copy the inputs to a file called vehicle.txt.
6. Write a companion program that reads the vehicle file and prints the information to screen.
7. Merge the two elements, modify so that the user can enter multiple records until they decide to exit. Copy all the entered data to a backup file (as well as or instead of outputting to monitor).
8. Create a search facility so that user can retrieve information on a specific vehicle based on registration number. Consider using a user-defined structure to help with this.
9. Enhance the search facility so the user can provide multiple criteria. Allow for multiple matches and write all details to a report in the form of a text file with a heading and a date. Can you use time functions so that each report can have a unique name, saving it from being overwritten by next use of the search.