Lab Assignment 10

AI and ML Lab

1. Write a program that inputs a text file. The program should print all of the unique words in the file in alphabetical order.

2. Write a Python program to perform read and write operations on a file.

3. Write a Python program to copy the contents of one file to another file.

4. Write a Program to read csv, excel, txt, tsv, and jpg file in Python.

5. Write a Python function called **insertion_sort** that implements the Insertion Sort algorithm to sort the list in ascending order. The function should return the sorted list. You are required to write the sorting logic yourself and should not use Python's built-in sorting methods unsorted_list = [12, 4, 5, 6, 1, 14, 13, 15]

   EXPECTED OUTPUT
   sorted_list = [1, 4, 5, 6, 12, 13, 14, 15]