# Python File Handling Assignments

## 1. Create and Write to a File

Write a Python program to create a new text file named 'sample.txt' and write the text 'Hello, World!' into it.

## 2. Read from a File

Write a function to open 'sample.txt' and print its content on the screen.

## 3. Append to a File

Write a program that appends the text 'Welcome to Python file handling!' to 'sample.txt'.

## 4. Count Lines in a File

Write a function that reads a file and returns the number of lines present in the file.

## 5. Copy Content from One File to Another

Write a Python program to copy all content from 'sample.txt' to a new file named 'copy\_sample.txt'.

## 6. Word Count in a File

Write a function that opens a file and returns the total number of words in it.

## 7. File Existence Check

Write a Python program to check if a file named 'data.txt' exists. If it does, print its content; otherwise, create it and write 'New file created'.

## 8. Read Specific Line from a File

Write a program to read and print the 3rd line from 'sample.txt'. Handle the case if the file has fewer than 3 lines.

## 9. Replace Text in a File

Write a Python program to replace all occurrences of the word 'Python' with 'Java' in a given file.

## 10. Reverse File Content

Write a function to read a file and write its content in reverse order into a new file (line by line).