

# Assignment for Dictionaries

## Instructions:

Solve the following exercises related to dictionaries in Python.  
Write the solution code for each exercise.  
Include comments to explain your code where necessary.  
Test your functions with sample inputs to ensure correctness.  
Write the answers in a Python script file or a Jupyter Notebook.

## Exercises:

Create a dictionary representing information about a book. Include keys for `"title"`, `"author"`, `"year"`, and `"genre"`.  
Add a new key-value pair to the book dictionary representing the number of pages in the book.  
Remove the `"genre"` key-value pair from the book dictionary.