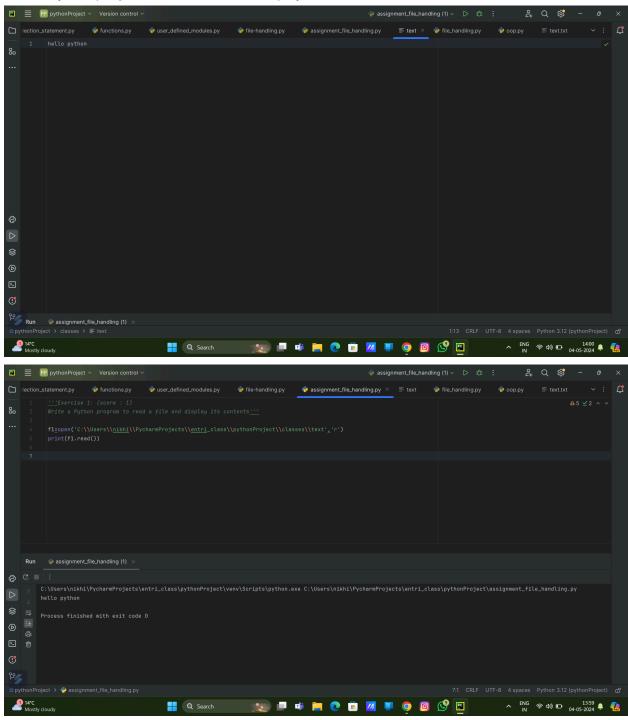
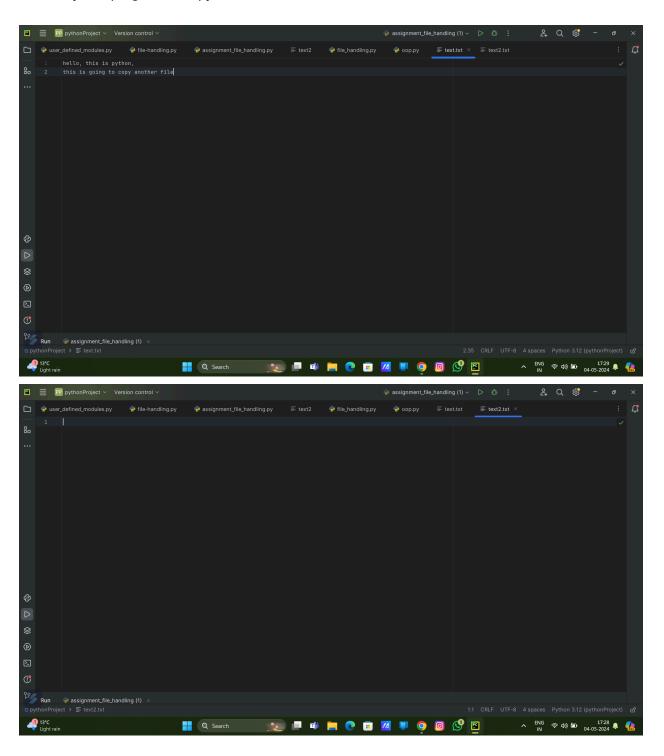
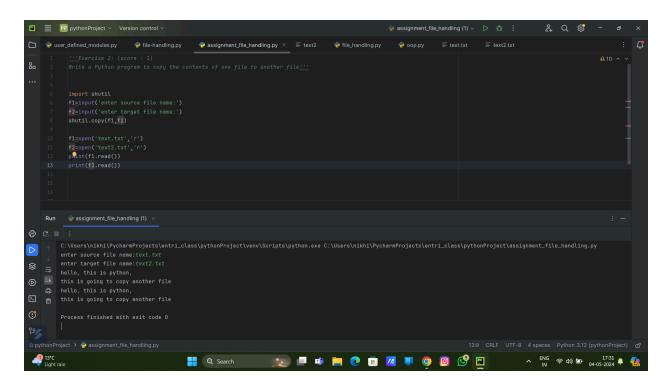
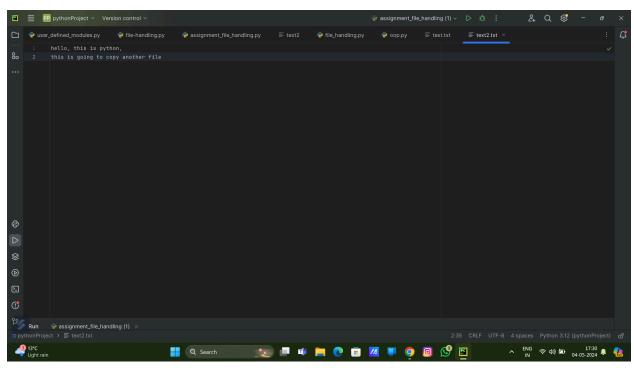
Exercise 1: (score: 1)
Write a Python program to read a file and display its contents



Exercise 2: (score: 1)
Write a Python program to copy the contents of one file to another file

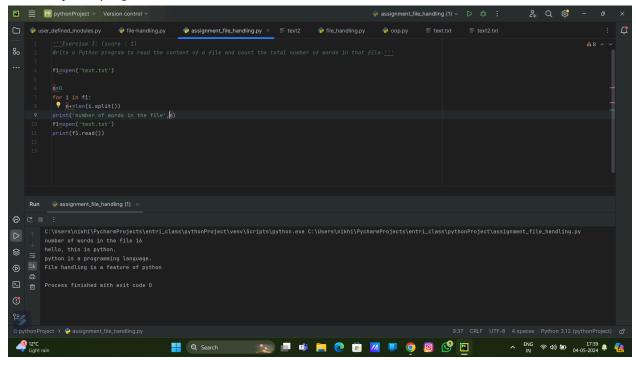






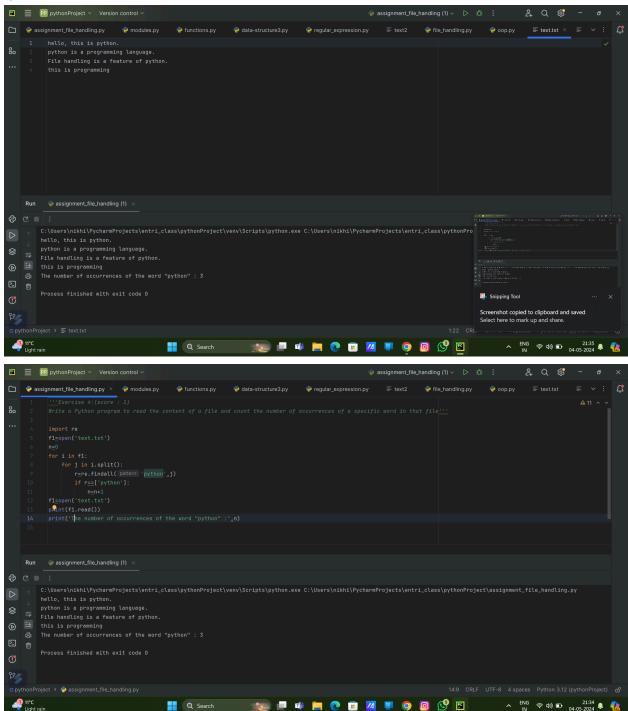
Exercise 3: (score: 1)

Write a Python program to read the content of a file and count the total number of words in that file.



Exercise 4:(score: 1)

Write a Python program to read the content of a file and count the number of occurrences of a specific word in that file



Exercise 5: (score: 1)

Write a Python program that prompts the user to input a string and converts it to an integer. Use try-except blocks to handle any exceptions that might occur

```
'''Exercise 5: (score : 1)
Write a Python program that prompts the user to input a string and converts it
to an integer.
Use try-except blocks to handle any exceptions that might occur'''
s=input(':')
try :
    w = int(s)
    print(w)
    print('converted to integer')
except :
    print('its a word')
```

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py
:string
its a word

Process finished with exit code 0

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py
:6
6
converted to integer

Exercise 6: (score: 1)

Write a Python program that prompts the user to input a list of integers and raises an exception if any of the integers in the list are negative.

```
"''Exercise 6: (score : 1)
Write a Python program that prompts the user to input a list of integers
and raises an exception if any of the integers in the list are negative.'''
n=int(input('enter range of list: '))
l=[]
try:
    for i in range (1,n+1):
        print('enter',i,'integer',end='')
        s=int(input(':'))
        if s<0:
            raise ValueError
        l.append(s)
    print(l)
except ValueError:print('negative number is not acceptable')</pre>
```

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py enter range of list: 6

enter 1 integer:11

enter 2 integer:-2

negative number is not acceptable

Process finished with exit code 0

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py enter range of list: 5

enter 1 integer:11

enter 2 integer:45

enter 3 integer:7

enter 4 integer:8

enter 5 integer:6

[11, 45, 7, 8, 6]

Exercise 7: (score: 1)

Write a Python program that prompts the user to input a list of integers and computes the average of those integers. Use try-except blocks to handle any exceptions that might occur.use the finally clause to print a message indicating that the program has finished running.

```
Write a Python program that prompts the user to input a list of integers and
n=int(input('enter range of list: '))
1=[]
a=0
    l.append(s)
 average=a/n
except AssertionError:print('input might be an integer')
except Exception:print('input might be an integer')
finally:print('The program has finished running')
```

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py
enter range of list: 5
enter 1 integer:4
enter 2 integer:3
enter 3 integer:5
enter 4 integer:8

enter 5 integer:7 [4, 3, 5, 8, 7]

Average of input list: 5.4

The program has finished running

Process finished with exit code 0

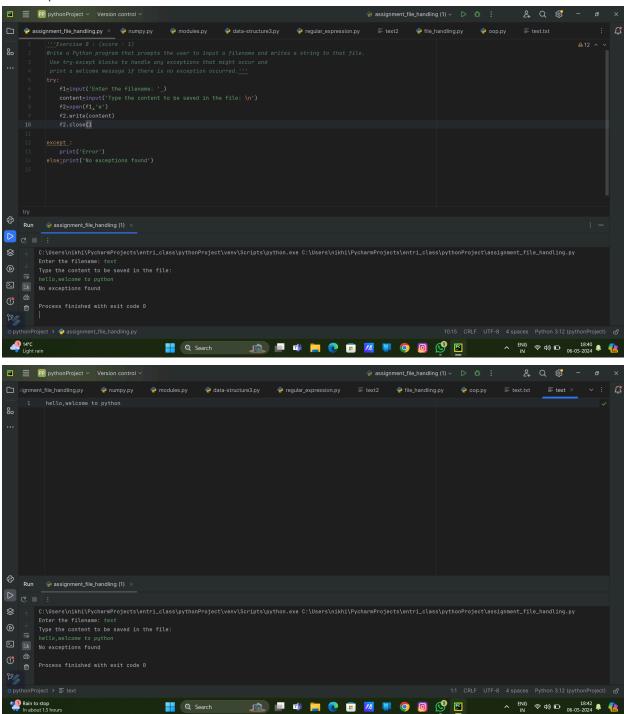
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py
enter range of list: 5
enter 1 integer:2
enter 2 integer:-10
input might be an integer
The program has finished running

Process finished with exit code 0

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py
enter range of list: 5
enter 1 integer:10
enter 2 integer:jhj
input might be an integer
The program has finished running

Exercise 8: (score: 1)

Write a Python program that prompts the user to input a filename and writes a string to that file. Use try-except blocks to handle any exceptions that might occur and print a welcome message if there is no exception occurred.



```
Exercise 9: (score: 1)
```

Build a program to manage a university's course catalog. You want to define a base class Course that has the following properties:

course_code: a string representing the course code (e.g., "CS101")

course_name: a string representing the course name (e.g., "Introduction to Computer Science") credit_hours: an integer representing the credit hours for the course (e.g., 3)

You also want to define two subclasses CoreCourse and ElectiveCourse, which inherit from the Course class.

CoreCourse should have an additional property required_for_major which is a boolean representing whether the course is required for a particular major.

ElectiveCourse should have an additional property elective_type which is a string representing the type of elective (e.g., "general", "technical", "liberal arts").

```
Build a program to manage a university's course catalog. You want to define a
You also want to define two subclasses CoreCourse and ElectiveCourse, which
class Course:
  def course details(self,course code,course name,credit hours):
      self.course code=course code
      print('course code:',course code)
  def init (self,course code,course name,credit hours):
      super().course details(course code,course name,credit hours)
  def required(self,r):
class ElectiveCourse(Course):
```

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe
C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\assignment_file_handling.py
enetr course code:CS101

enetr course nameINTRODUCTION TO COMPUTER SCIENCE

enter credit hours:3

enter whether the course is required or not?YES

course code: CS101

course name: INTRODUCTION TO COMPUTER SCIENCE

credit hours: 3

major course required

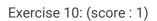
enter the elective subject: GENERAL

course code: CS101

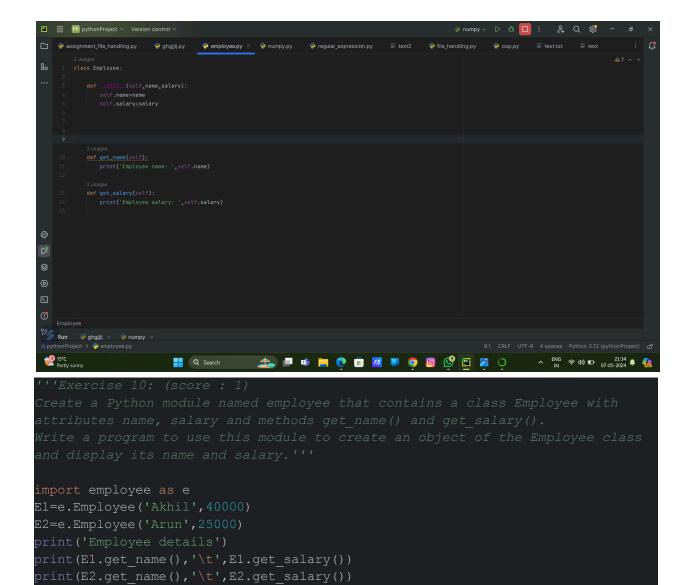
course_name: INTRODUCTION TO COMPUTER SCIENCE

credit hours: 3

elective subject is GENERAL



Create a Python module named employee that contains a class Employee with attributes name, salary and methods get_name() and get_salary(). Write a program to use this module to create an object of the Employee class and display its name and salary.



C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\venv\Scripts\python.exe

C:\Users\nikhi\PycharmProjects\entri_class\pythonProject\classes\numpy.py

Employee details

Employee name: Akhil Employee salary: 40000

None None

Employee name: Arun Employee salary: 25000

None None