2. Program to append the text to file and to display the text

```python
def file_read(fname):
    from itertools import islice
    with open(fname, "w") as myfile:
        myfile.write("Python Exercises\n")
        myfile.write("Java Exercises")
    txt = open(fname)
    print(txt.read())
file_read('abc.txt')
```

Output:-
Python Exercises
Java Exercises

3. Program to read a file line by line and to store in a variable

```python
def file_read(fname):
    with open (fname, "r") as myfile:
        data=myfile.readlines()
        print(data)
file_read('abc.txt')
```

Output:-
['Python Exercises\n', 'Java Exercises']

4. Program to remove leading and trailing spaces from a string

```python
import re
s = ' Hello World From Pankaj \t\n\r\tHi There '
print('Remove all spaces using RegEx:\n', re.sub(r"\s+", "",
s), sep='')
print('Remove leading spaces using RegEx:\n',
re.sub(r"^\s+", "", s), sep='')
print('Remove trailing spaces using RegEx:\n', re.sub(r"\s+$",
"", s), sep='')
print('Remove leading and trailing spaces using Rete:\n',
re.sub(r"^\s+|\s+$", "", s), sep='')
```

Output:-
Remove all spaces using RegEx:
HelloWorldFromPankajHiThere
Remove leading spaces using RegEx:
Hello World From Pankaj
    Hi There
Remove trailing spaces using RegEx:
 Hello World From Pankaj
    Hi There
Remove leading and trailing spaces using RegEx:
Hello World From Pankaj
    Hi There

1. Program to read an entire text file

```python
def file_read(fname):
    txt = open(fname)
    print(txt.read())
file_read('abc.txt')
```

Output:-
Python Exercises
Java Exercises

```python
1  with open("sample.txt", "r") as a_file:
2    for line in a_file:
3      stripped_line = line.strip()
4      print(stripped_line)
```