1. Grade Checker

Take a score as input and print the grade based on the following:

90+ : "A"

80-89 : "B"

70-79 : "C"

60-69 : "D"

Below 60 : "F"

here we used a basic if else statement to carry out marks and all.

```python
score = int(input("Whats your Score : "))

if(score < 60):
    print("F")
elif(score <= 69):
    print("D")
elif(score <= 79):
    print("C")
elif(score <= 89):
    print("B")
else:
    print("A")
```

```
C:\Users\Amey\OneDrive\Desktop\Python\python_tutorial>python -
Whats your Score : 92
A

C:\Users\Amey\OneDrive\Desktop\Python\python_tutorial>python -
Whats your Score : 56
F

C:\Users\Amey\OneDrive\Desktop\Python\python_tutorial>python -
Whats your Score : 79
C
```

2 Student Grades

Create a dictionary where the keys are student names and the values are their grades. Allow the user to:

Add a new student and grade.

Update an existing student's grade.

Print all student grades.

```python
student_grades = {
    "Aarav": 88,
    "Diya": 91,
    "Kabir": 76,
    "Meera": 84,
    "Rohan": 95
}

student_grades["Diya"] = 88

student_grades["Rohan"] = 90

for student, grade in student_grades.items():
    print(f"{student}: {grade}")

```

```
C:\Users\Amey\OneDrive\Desktop\Python\pyth
Aarav: 88
Diya: 88
Kabir: 76
Meera: 84
Rohan: 90
```

Used dictionary and basic operations. Using if else:

3.Write to a File

Write a program to create a text file and write some content to it.

```python
with open("example.txt", "w") as file:
    file.write("The goal is to develop and evaluate a model that incorporates textual content from users\n")
    file.write("You'll need to process the text associated with each node.\n")
    file.write("Text Mining in Social Networks")
```

example.txt

```
The goal is to develop and evaluate a model that incorporates textual content from users
You'll need to process the text associated with each node.
Text Mining in Social Networks
```

Using file functions like write and open.

4. Read from a File

We used open in read mode and file.read to read and print to display.

1.py

```python
# Open the file in read mode
with open("example.txt", "r") as file:
    content = file.read()

print(content)
```

```
C:\Users\Amey\OneDrive\Desktop\Python\python_tutorial>python -u "c:\Users\Amey\OneDrive\Desktop\Pyth
The goal is to develop and evaluate a model that incorporates textual content from users
You'll need to process the text associated with each node.
Text Mining in Social Networks
```

Submission Guidelines -: Attach Screenshots or command along with explanation and submit in doc(google doc or microsoft doc) format or share github link