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.

**Sol.**

score=int(input("Enter your score: "))

if(score>=90 and score<=100):

print("A")

elif(score<90 and score>=80):

print("B")

elif(score<80 and score>=70):

print("C")

elif(score<70 and score>=60):

print("D")

else:

print("F")

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.

**Sol.**

stu\_grade={'S':90, 'D':50}

print(stu\_grade)

stu\_grade['A']=70

print(stu\_grade)

stu\_grade['S']=100

print(stu\_grade)

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.

**Sol.**

with open("text.txt", "w") as file:

file.write("Hello Tutorial, this is your second assignment")

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.

**Sol.**

f=open("text.txt", "r")

data=f.read()

print(data)