# Task1 Grade Checker

print("Enter The Score \n")

score = int(input())

if score>90:

print("Grade A")

elif score>=80 and score<=89:

print("Grade B")

elif score>=70 and score<=79:

print("Grade C")

elif score>=60 and score<=69:

print("Grade D")

else:

print("Grade F")

# Task2 Student Grade

students = {}

while True:

print("\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("Student Operations:")

print("Type 1 For Add student")

print("Type 2 For Update grade")

print("Type 3 For Show all students")

print("Type 4 For Exit")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

menu\_option = input("Enter : ")

if menu\_option == "1":

name = input("Student name: ")

grade = input("Grade: ")

if name in students:

print(name, "already exists!")

else:

students[name] = grade

print("Added", name)

elif menu\_option == "2":

name = input("Student name to update: ")

if name in students:

new\_grade = input("New grade: ")

students[name] = new\_grade

print("Updated", name)

else:

print("Student not found")

elif menu\_option == "3":

if len(students) == 0:

print("No students yet")

else:

print("\nStudent Grades:")

for n, g in students.items():

print(n, ":", g)

elif menu\_option == "4":

print("Exit !!!")

break

else:

print("Invalid Option Please Enter Again")

# Task3 Write To A File

myfile = open('myfile.txt','w')

myfile.write("Python Is A Dynamically Typed Language")

myfile.write("\nPython Is A Easy To Learn")

myfile.close()

# Task4 Reading A file

myfile = open("myfile.txt", "r")

content = myfile.read()

print("File Content: ")

print(content)

myfile.close()