1. **Grade Checker**A screenshot of a computer program

   AI-generated content may be incorrect.

- int() to convert entered value into integer.

-input() to take value at run time.

-if..elsif to check the grade

**2. Student Grades**

Code:

A screenshot of a computer program

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student\_list ={'Kamlesh':'A','Ajay':'B','Swati':'C','Mansi':'F'}

print(student\_list)

print("Please select one of the option from below")

print("1. Add a new student and grade")

print("2. Update an existing student's grade")

print("3. Print all student grades")

choice = input("Enter your choice (1-4): ")

if choice == '1':

    student\_name = input("Enter the student's name: ")

    student\_grade = input("Enter the student's grade : ")

    student\_list[student\_name] = student\_grade

    print(student\_list)

elif choice == '2':

    student\_name = input("Enter the student's name to update: ")

    if student\_name in student\_list:

        new\_grade = input("Enter the new grade: ")

        student\_list[student\_name] = new\_grade

        print(f'Updated {student\_name} grade to {new\_grade} \n {student\_list}' )

    else:

        print(f'Student {student\_name} not found')

elif choice == '3':

    print('All Student Grades : \n')

    print(student\_list)

else:

    print('\n Invalid Option,Please choice between 1-3')

Output:

A screenshot of a computer program

AI-generated content may be incorrect.

**3.Write to a File**

**A screenshot of a computer screen

AI-generated content may be incorrect.**

**-open(text\_file, 'w'):** Open file in write mode

-**file.write():**write content in file

Note:type on windows is similar to cat linux command,just to demonstrate and show output use it to read file.

**4. Read from a File**

A screen shot of a computer program

AI-generated content may be incorrect.

with open(text\_file, 'r'):to open file in read mode

content = file.read(): to read the file