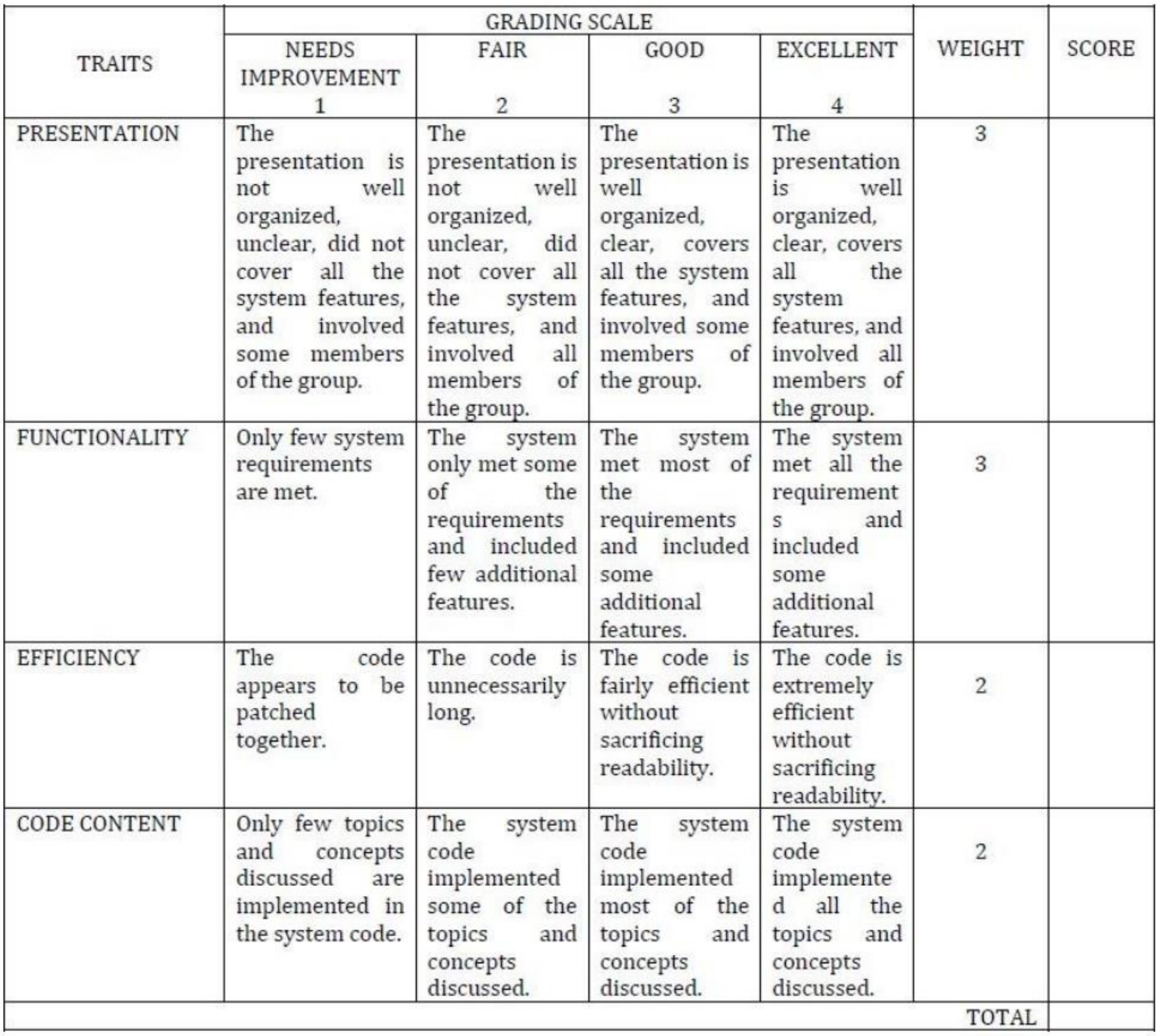
Enter Names (In Alphabetical Order):

Section:

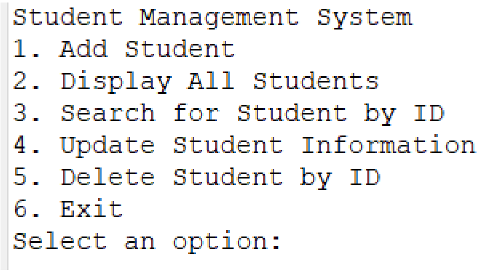
Video Presentation Link:

MIDTERM PROJECT



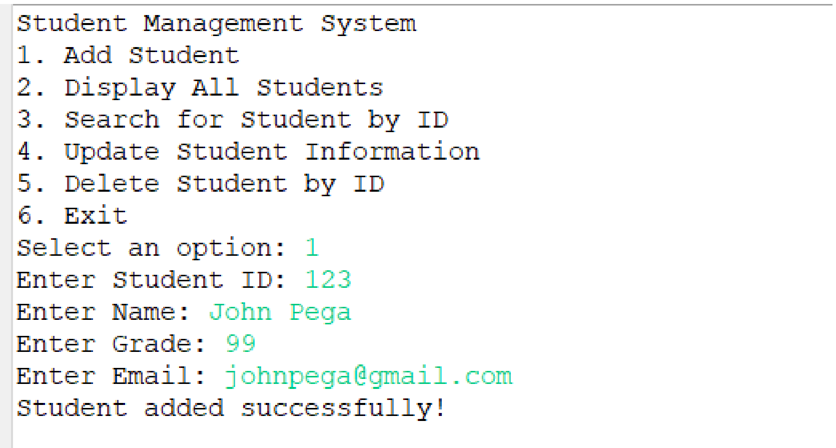
TRAITS	GRADING SCALE				WEIGHT	SCORE
	NEEDS IMPROVEMENT 1	FAIR 2	GOOD 3	EXCELLENT 4		
PRESENTATION	The presentation is not well organized, unclear, did not cover all the system features, and involved some members of the group.	The presentation is not well organized, unclear, did not cover all the system features, and involved all members of the group.	The presentation is well organized, clear, covers all the system features, and involved some members of the group.	The presentation is well organized, clear, covers all the system features, and involved all members of the group.	3	
FUNCTIONALITY	Only few system requirements are met.	The system only met some of the requirements and included few additional features.	The system met most of the requirements and included some additional features.	The system met all the requirements and included some additional features.	3	
EFFICIENCY	The code appears to be patched together.	The code is unnecessarily long.	The code is fairly efficient without sacrificing readability.	The code is extremely efficient without sacrificing readability.	2	
CODE CONTENT	Only few topics and concepts discussed are implemented in the system code.	The system code implemented some of the topics and concepts discussed.	The system code implemented most of the topics and concepts discussed.	The system code implemented all the topics and concepts discussed.	2	
					TOTAL	

Using Object Oriented Programming Create a java switch program that will complete the following requirements:



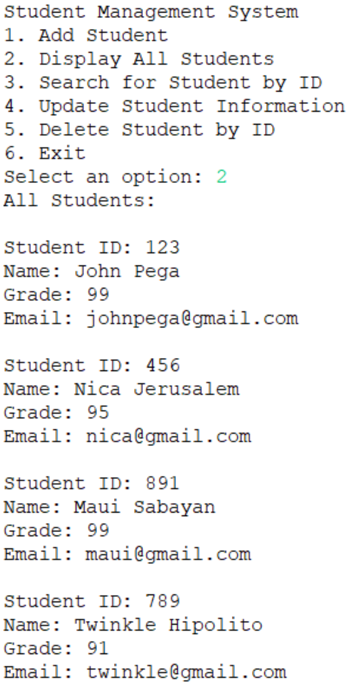
```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option:
```

1. **Case 1 should provide add student with the input of the following ID, NAME, GRADE and EMAIL:**



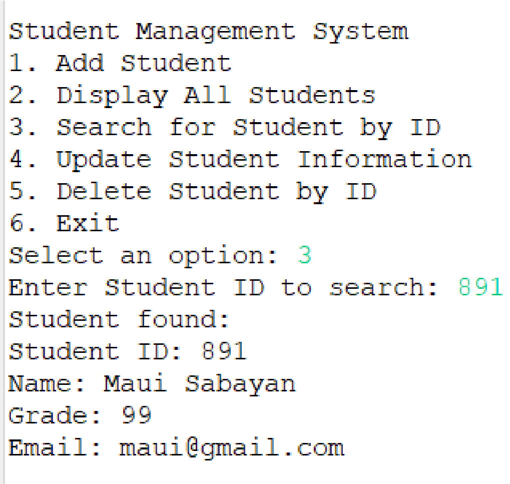
```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 1
Enter Student ID: 123
Enter Name: John Pega
Enter Grade: 99
Enter Email: johnpega@gmail.com
Student added successfully!
```

2. **Case 2 should Display all the student's information that was added using Case 1.**



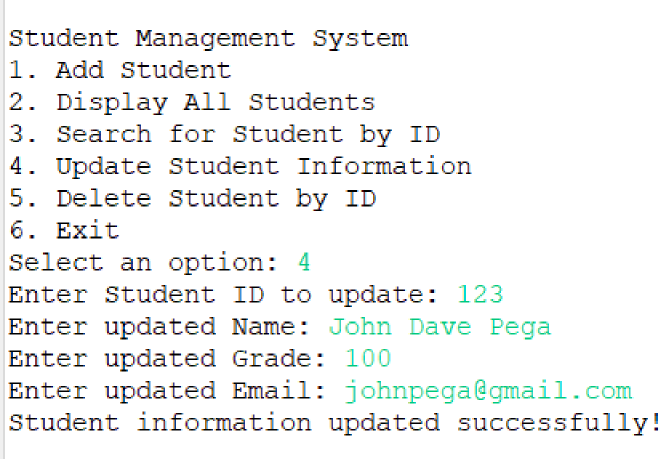
```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 2
All Students:

Student ID: 123
Name: John Pega
Grade: 99
Email: johnpega@gmail.com

Student ID: 456
Name: Nica Jerusalem
Grade: 95
Email: nica@gmail.com

Student ID: 891
Name: Maui Sabayan
Grade: 99
Email: maui@gmail.com

Student ID: 789
Name: Twinkle Hipolito
Grade: 91
Email: twinkle@gmail.com
```

3. **Case 3 should search the following students thru their Students ID. Example:**

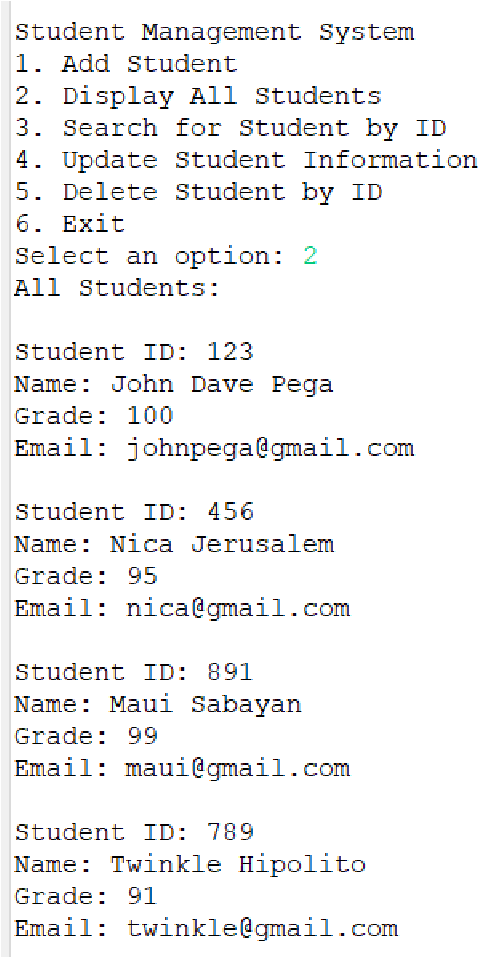


```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 3
Enter Student ID to search: 891
Student found:
Student ID: 891
Name: Maui Sabayan
Grade: 99
Email: maui@gmail.com
```

4. **Case 4 should update students' info thru their Student ID. Example:**

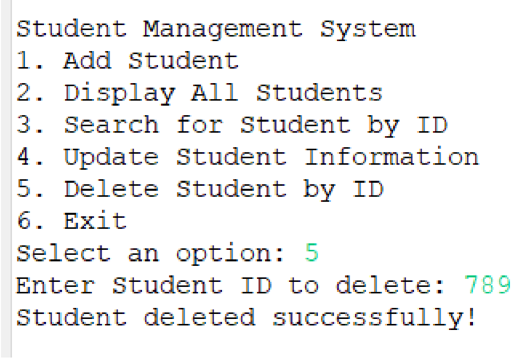


```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 4
Enter Student ID to update: 123
Enter updated Name: John Dave Pega
Enter updated Grade: 100
Enter updated Email: johnpega@gmail.com
Student information updated successfully!
```

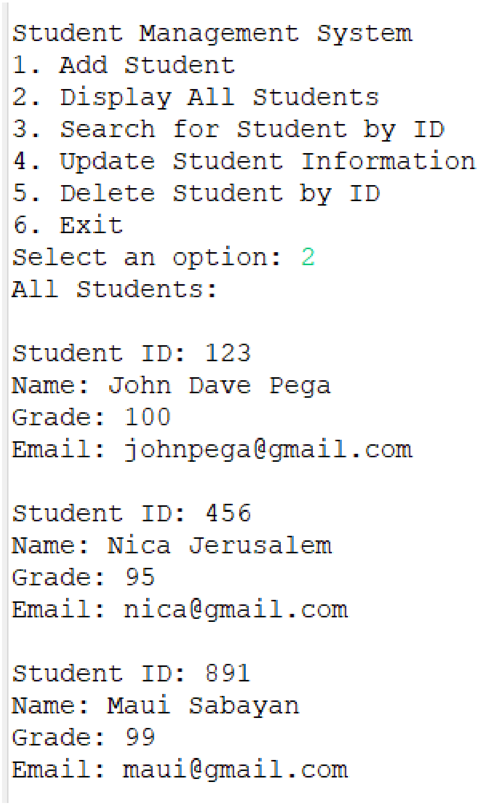


```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 2
All Students:

Student ID: 123
Name: John Dave Pega
Grade: 100
Email: johnpega@gmail.com

Student ID: 456
Name: Nica Jerusalem
Grade: 95
Email: nica@gmail.com

Student ID: 891
Name: Maui Sabayan
Grade: 99
Email: maui@gmail.com

Student ID: 789
Name: Twinkle Hipolito
Grade: 91
Email: twinkle@gmail.com
```

5. **Case 5 should delete students’ info thru their Student ID. Example:**

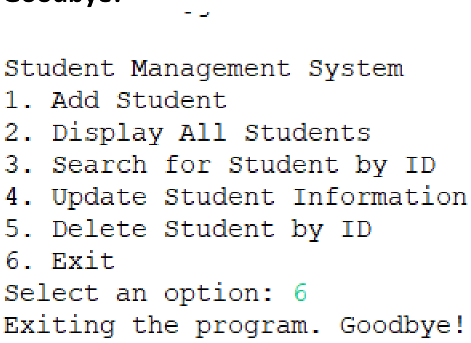


```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 5
Enter Student ID to delete: 789
Student deleted successfully!
```



```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 2
All Students:

Student ID: 123
Name: John Dave Pega
Grade: 100
Email: johnpega@gmail.com

Student ID: 456
Name: Nica Jerusalem
Grade: 95
Email: nica@gmail.com

Student ID: 891
Name: Maui Sabayan
Grade: 99
Email: maui@gmail.com
```

6. **Case 6 Program should provide an Exit that prompts the code. “Exiting the program. Goodbye!”**



```
Student Management System
1. Add Student
2. Display All Students
3. Search for Student by ID
4. Update Student Information
5. Delete Student by ID
6. Exit
Select an option: 6
Exiting the program. Goodbye!
```

IMPORTANT REMINDER:

- **Remember to put your Group Members in Alphabetical Order in our Activity template.**
- **The program should include Looping inside it.**
- **AND It MUST have Object Oriented Programming inside it.**
- **Add Comments inside your Program.**
- **Everyone should participate in the Video Presentation (Minimum of 5 minutes Maximum of 10 minutes)**