Midterm Lab Task 1.

Problem 1. Use Appropriate Escape Sequence(\n, \t \b \ ..etc)

for the problem below

Item Description

Create a program that prints the following text:

```
Database Record
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Name:       John Doe
Email:      john.doe@example.com
University:    ABC University
```

Sample Output 1

```
Database Record
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Name:       John Doe
Email:      john.doe@example.com
University:    ABC University
```

```python
#Problem    1
name = "Aaron Aquino"
email = "aaquino24-0196@cca.edu.ph"
school = "City College of Angeles"

print("Database Record")
print("//////////////")
print("Name: " + name)
print("Email: " + email)
print("School: " + school)
```

```
Database Record
//////////////
Name: Aaron Aquino
Email: aaquino24-0196@cca.edu.ph
School: City College of Angeles
```

Problem 2. Using Placeholders for Email Details: Use appropriate type specifiers %s, %d, %f etc… for this task

Item Description

Write a program that prints the output below:

```
Dear John, I hope this email finds you well.
I wanted to reach out and say hello.
I hope you are doing well and enjoying your day.
It's been a while since we last spoke, and I wanted to catch up with you.
Let's plan to meet up soon and have a great time together!
Subject: Greetings
Sender: Jane
Version: 1.2
Discount: 10.50%
Status: A
Code: ABCD123
Location: City XYZ
Age: 30
Company: ABC Corporation
Website: www.example.com
Phone: +1 123-456-7890
Job Title: Software Engineer
Department: Engineering
```

The program should use placeholders to present the information accurately.

```
Dear Aaron Aquino, I hope this email finds you well.
I wanted to reach out and say hello.
I hope you are doing well and enjoying your day.
It's been a while since we last spoke, and I wanted to catch up with you.
Let's plan to meet up soon and have a great time together!
Name: Aaron Aquino
Subject: 700P1
Sender: Siya
Version: 1.15
Discount: 25%
Status: Offline
Code: Python
Location: Angeles, Pampanga
Age: 25
Company: hotdogMasarap
Website: https://github.com/Aa-Aquino
Phone: 09761967006
Occupation: Student
Department: ICLIS Dept.
```

```python
message = f"""
Dear {Name}, I hope this email finds you well.
I wanted to reach out and say hello.
I hope you are doing well and enjoying your day.
It's been a while since we last spoke, and I wanted to catch up with you.
Let's plan to meet up soon and have a great time together!
Name: {Name}
Subject: {Subject}
Sender: {Sender}
Version: {Version}
Discount: {Discount}
Status: {Status}
Code: {Code}
Location: {Location}
Age: {Age}
Company: {Company}
Website: {Website}
Phone: {Phone}
Occupation: {Occupation}
Department: {Department}
"""

print(message)
```

```python
#Problem 2
Name = "Aaron Aquino"
Subject = "700P1"
Sender = "Siya"
Version = "1.15"
Discount = "25%"
Status = "Offline"
Code = "Python"
Location = "Angeles, Pampanga"
Age = "25"
Company = "hotdogMasarap"
Website = "https://github.com/Aa-Aquino"
Phone = "09761967006"
Occupation = "Student"
Department = "ICLIS Dept."
```

Problem 3. Book Reservation; Accept User Input

Write a program that asks the user to enter the title of a book (string), the author (string), the year of publication (int), the genre (string), the library (string), the member ID (string) and the return date (string). Print the entered values directly. The output should look like:

```
You have successfully reserved the book [Title] by [Author].
Year of Publication: [Year]
Genre: [Genre]
Library: [Library]
Member ID: [MemberID]
Return Date: [ReturnDate]
```

Sample Output 1

```
Enter the book title: 1984
Enter the author: Orwell
Enter the year of publication: 1949
Enter the genre: Dystopian
Enter the library: Central
Enter your member ID: 12345
Enter the return date: 2023-07-10
You have successfully reserved the book '1984' by Orwell.
Year of Publication: 1949
Genre: Dystopian
Library: Central
Member ID: 12345
Return Date: 2023-07-10
```

Sample Output 2

```
Enter the book title: Mockingbird
Enter the author: Lee
Enter the year of publication: 1960
Enter the genre: Fiction
Enter the library: Westside
Enter your member ID: 67890
Enter the return date: 2023-06-28
You have successfully reserved the book 'Mockingbird' by Lee.
Year of Publication: 1960
Genre: Fiction
Library: Westside
Member ID: 67890
Return Date: 2023-06-28
```

```python
#Problem 3
title = input("Enter the title of the book: ")
author = input("Enter the author: ")
year = int(input("Enter the year of publication: "))
genre = input("Enter the genre: ")
library = input("Enter the library name: ")
member_id = input("Enter your member ID: ")
return_date = input("Enter the return date (e.g., 2025-11-10): ")
print(f"You have successfully reserved a Book titled {title} by {author}.")
print(f"Genre: {genre}")
print(f"Library: {library}")
print(f"Member ID: {member_id}")
print(f"Return Date: {return_date}")
```

```
Enter the title of the book: Song of Ice and Fire
Enter the author: Martin Luther King
Enter the year of publication: 1904
Enter the genre: Slice of Life
Enter the library name: Oxford
Enter your member ID: Abc123
Enter the return date (e.g., 2025-11-10): 2024-10-20
You have successfully reserved a Book titled Song of Ice and Fire by Martin Luther King.
Genre: Slice of Life
Library: Oxford
Member ID: Abc123
Return Date: 2024-10-20
```

Problem 4. Day Identifier

Item Description

Write a program that takes an integer (1-7) as input and prints the corresponding day of the week based on the following conditions:

- If the input is 1, print "Monday"
- If the input is 2, print "Tuesday"
- If the input is 3, print "Wednesday"
- If the input is 4, print "Thursday"
- If the input is 5, print "Friday"
- If the input is 6, print "Saturday"
- If the input is 7, print "Sunday"
- If the input is any other value, print "Invalid input"

Sample Output 1

```
Enter day: 1
Monday
```

Sample Output 2

```
Enter day: 4
Thursday
```

Sample Output 3

```
Enter day: 5
Friday
```

```python
#Problem 4
day = int(input("Enter day: "))
if day == 1:
  print("Monday")
elif day == 2:
  print("Tuesday")
elif day == 3:
  print("Wednesday")
elif day == 4:
  print("Thursday")
elif day == 5:
  print("Friday")
elif day == 6:
  print("Saturday")
elif day == 7:
  print("Sunday")
else:
  print("Invalid input")
```

```
Enter day: 2
Tuesday
```