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

..etc) for the problem below

Source Code:

```python
full_name = "John Doe"
email = "john.doe@example.com"
univ = "ABC University"
subject = "Greetings"
sender = "Jane"
version = 1.2
discount = "10.50%"
status = 'A'
code = "ABCD123"
location = 30
company = "ABC Corporation"
website = "www.example.com"
phone = "+1 123-456-7890"
job_title = "Software Engineer"
department = "Engineering"


print(f"Name:\t {full_name}")
print(f"Email:\t {email}")
print(f"University:\t {univ}")
```

Sample Output:

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

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

task

Source Code:

```
# Placeholder
sender = "Jane"
version = 1.2
discount = "10.50%"
status = 'A'
code = "ABCD123"
location = 30
company = "ABC Corporation"
website = "www.example.com"
phone = "+1 123-456-7890"
job_title = "Software Engineer"
department = "Engineering"
```

```
print(f"Dear {full_name},I hope this email finds you well.\nI wanted to reach out and say hello.\nI hope you are doing well and enjoying your day.\nIt's been a wh
print(f"Subject: {subject}")
print(f"Sender: {sender}")
print(f"Version: {version}")
print(f"Discount: {discount}")
print(f"Status: {status}")
print(f"Code: {code}")
print(f"Location: {location}")
print(f"Company: {company}")
print(f"Website: {website}")
print(f"Phone: {phone}")
print(f"Job Title: {job_title}")
print(f"Department: {department}")
```

Sample Output:

```
Dear John Doe,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: 30
Company: ABC Corporation
Website: www.example.com
Phone: +1 123-456-7890
Job Title: Software Engineer
Department: Engineering
```

Problem 3: Book Reservation; Accept User Input

Source Code:

```python
book_title = input("Enter the Book Title: ")
auth = input("Enter Author: ")
yr_ofpub = input("Enter Year of Publication: ")
genre = input("Enter the Genre: ")
lib = input("Enter the Library: ")
mem_num = input("Enter the number ID: ")
ret_date = input("Enter the return date: ")

print(f"You have successfully reserve the book {book_title} by {auth}")
print(f"Year of Publication: {yr_ofpub}")
print(f"Genre: {genre}")
print(f"Library: {lib}")
print(f"Member ID: {mem_num}")
print(f"Return Date:{ret_date}")
```

Sample Output:

```
Enter the Book Title: mbs
Enter Author: liann
Enter Year of Publication: 1334
Enter the Genre: Horror
Enter the Library: City
Enter the number ID: 0999
Enter the return date: Aug 30, 2025
You have successfully reserve the book mbs by liann
Year of Publication: 1334
Genre: Horror
Library: City
Member ID: 0999
Return Date:Aug 30, 2025
Enter Day (1-7): 1
```

Problem 4: Day Identifier

Source Code:

```python
day = int(input("Enter Day (1-7): "))
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")
```

Sample Output:

```
Enter Day (1-7): 1
Monday
```

```
Enter Day (1-7): 8
Invalid Input
```