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C204

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

for the problem below

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

Problem 3. Book Reservation; Accept User Input

Problem 4. Day Identifier

Source Code

1.

```
Ful_name = "John Doe"
```

```
Email = "john.doe@example.com"
```

```
University = "ABC University"
```

```
print("Database Record\n")
```

```
print("Name: \t\t", Ful_name)
```

```
print("Email: \t\t", Email)
```

```
print("University: \t", University)
```

2.

```
Name = "John"
```

```
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"
```

```
print("Dear %, I hope this email finds you well.\nI wanted to reach out and say hello.\nI hope that you are doing well and enjoying your day.\nIt's been a while since we last spoke, and I wanted to catch up with you.\nLet's plan a meet up soon and have a great time together!" %(Name))
```

```
print("Subject: %s " %(Subject))

print("Sender: %s " %(Sender))

print("Version: %.1f " %(Version))

print("Discount: %s " %(Discount))

print("Status: %c " %(Status))

print("Code: %s " %(Code))

print("Location: %s " %(Location))

print("Age: %d " %(Age))

print("Company: %s " %(Company))

print("Website: %s " %(Website))

print("Phone: %s " %(Phone))

print("Job_title: %s " %(Job_title))

print("Department: %s " %(Department))
```

3.

```
Title = input("Enter Title of book: ")
```

```
Author = input("Enter Author of book: ")
Publication_Date = input("Enter Year of Publication: ")
Genre = input("Enter Genre: ")
Library = input("Enter library: ")
Member_ID = input("Enter Member ID: ")
Return_Date = input("Enter Return Date: ")

print(f"You have successfully reserved the book {Title} be {Author}")
print(f"Year of publication: {Publication_Date}")
print(f"Genre: {Genre}")
print(f"library: {Library}")
print(f"Member ID: {Member_ID}")
print(f"Return Date: {Return_Date}")
```

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:

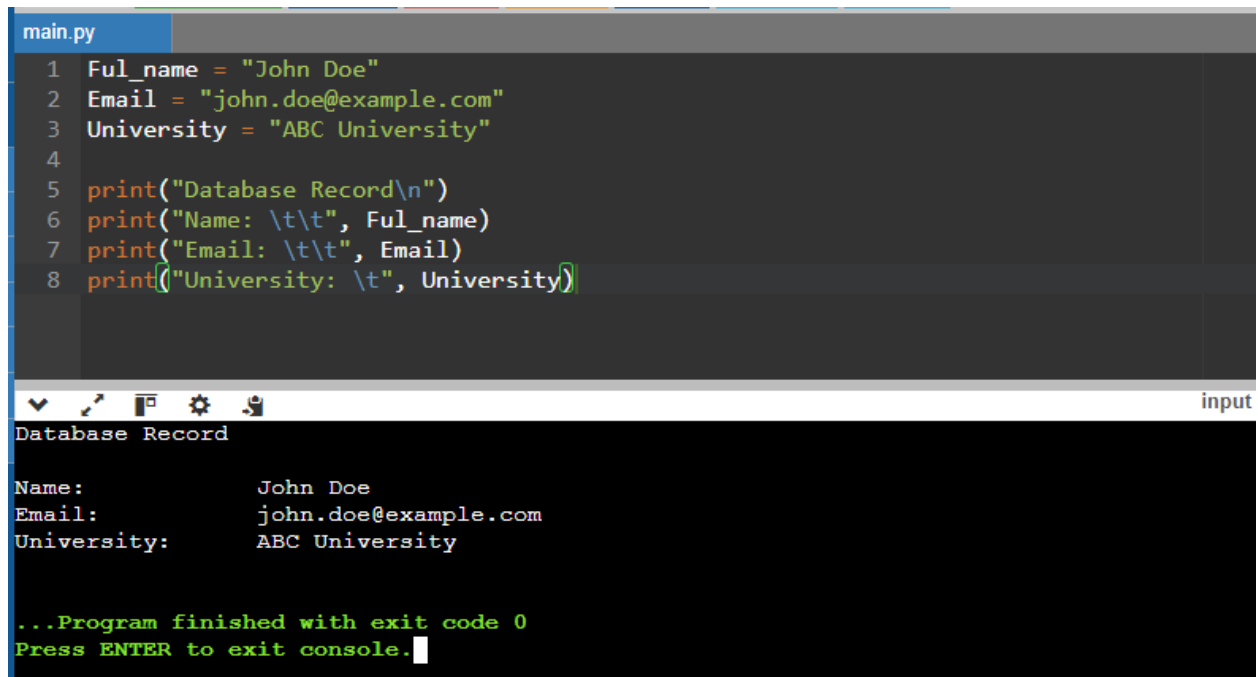
    print("Sunday")

else:

    print("Invalid input")
```

Sample Output:

1.



The screenshot shows a terminal window with a dark background. At the top, a tab labeled 'main.py' is visible. The terminal displays the output of a Python script. The script prints a 'Database Record' followed by three lines of data: 'Name: John Doe', 'Email: john.doe@example.com', and 'University: ABC University'. Below this, a green message states '...Program finished with exit code 0' and prompts the user to 'Press ENTER to exit console.'.

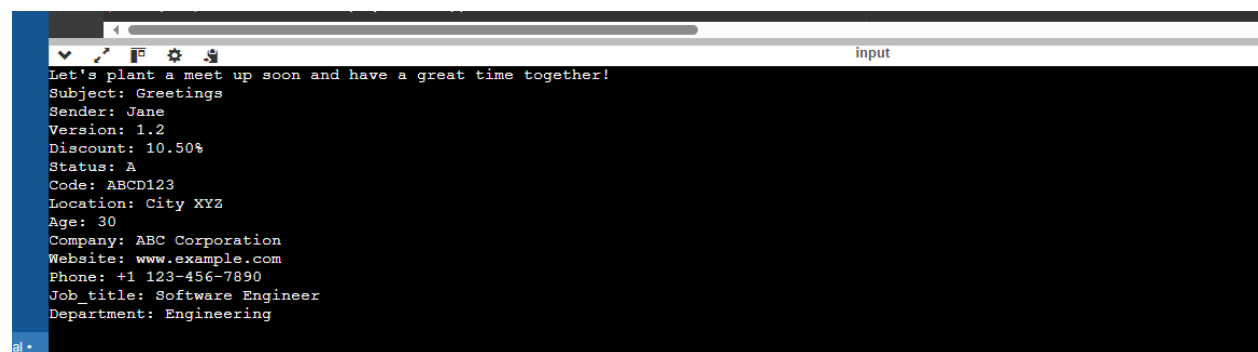
```
main.py
1  Full_name = "John Doe"
2  Email = "john.doe@example.com"
3  University = "ABC University"
4
5  print("Database Record\n")
6  print("Name: \t\t", Full_name)
7  print("Email: \t\t", Email)
8  print("University: \t", University)

Database Record

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

...Program finished with exit code 0
Press ENTER to exit console.
```

2.



The screenshot shows a terminal window with a dark background. At the top, a tab labeled 'input' is visible. The terminal displays a series of text-based prompts and responses, likely from a program that generates a personalized message or report. The text includes a greeting, subject, sender, version, discount, status, code, location, age, company, website, phone, job title, and department.

```
input

Let's plant a 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
```

3.

```
input
Enter Title of book: haha
Enter Author of book: hehe
Enter Year of Publication: 2019
Enter Genre: action
Enter library: website
Enter Member ID: 23145
Enter Return Date: 2025-11-05
You have successfully reserved the book haha be hehe
Year of publication: 2019
Genre: action
library: website
Member ID: 23145
Return Date: 2025-11-05

...Program finished with exit code 0
Press ENTER to exit console.
```

4.

```
Enter Day: 4
Thursday

...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter Day: 1
monday

...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter Day: 5
Friday

...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter Day: 9
Invalid input

...Program finished with exit code 0
Press ENTER to exit console.
```