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BSCS – C204

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

for the problem below

Source code:

```
# Import ABC

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

print(f"Name:{Name} \b")
print(f"Email:{Email} \t")
print(f"University:{University} \n")
```

Sample output: (ss)

```
C:\Users\CONLAB\PycharmProjects\python
Name:John Doe
Email:john.doe@example.com
University:ABC University

Process finished with exit code 0
```

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

Source code:

```
#import Email

subject = "Greetings"
name = "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"
jobtitle = "Software Engineer"
department = "Engineering"

print("Dear Jonh, I hope this email finds you well.")
print("I wanted to reach out and say hello.")
print("I hope you are doing well and enjoying your day.")
print("It's been a while since we last spoke, and I wanted to catch up with you.")
print("Let's plan to meet up soon and have a great time together!")
print(f"Subject: {subject} ")
print(f"Sender: {name} ")
print(f"Version: {version} ")
print(f"Discount: {discount} ")
print(f"Status: {status} ")
print(f"Code: {code} ")
print(f"Location {location} ")
print(f"Age: {age} ")
print(f"Company: {company} ")
print(f"Website: {website} ")
print(f"Phone: {phone} ")
print(f"Job Title: {jobtitle} ")
print(f"Department: {department} ")
```

Sample output: (ss)

```
C:\Users\ContLab\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:\Users\
Dear Jonh, 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: 10.5
Status: A
Code: ABCD123
Location City XYZ
Age: 30
```

```
Version: 1.2
Discount: 10.5
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
```

```
Process finished with exit code 0
```

Problem 3. Book Reservation; Accept User Input

Source code:

```
booktitle = input("Enter the book title: ")
bookauthor = input("Enter the author: ")
yearofpublish = input("Enter the year of publication: ")
genre = input("Enter the genre: ")
library = input("Enter the library: ")
memberId = input("Enter your member ID: ")
returndate = input("Enter the return date: ")

print("You have successfully reserved the book '1984' by Orwell.")
print(f"Year of Publication: {yearofpublish}")
print(f"Genre: {genre} ")
print(f"Library: {library}")
print(f"Member ID: {memberId} ")
print(f"Return Date: {returndate} ")
```

Sample output: (ss)

```
Enter the book title: coming home
Enter the author: Lily
Enter the year of publication: 2012
Enter the genre: horror
Enter the library: cca library
Enter your member ID: 24-1460
Enter the return date: 2023-06-25
You have successfully reserved the book '1984' by Orwell.
Year of Publication: 2012
Genre: horror
Library: cca library
Member ID: 24-1460
Return Date: 2023-06-25
```

Problem 4. Day Identifier

Source code:

```
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: (ss)

```
Enter day: 5
Friday
Process finished with exit code 0
Scroll to End
```

```
Enter day: 9
Invalid input
Process finished with exit code 0
```