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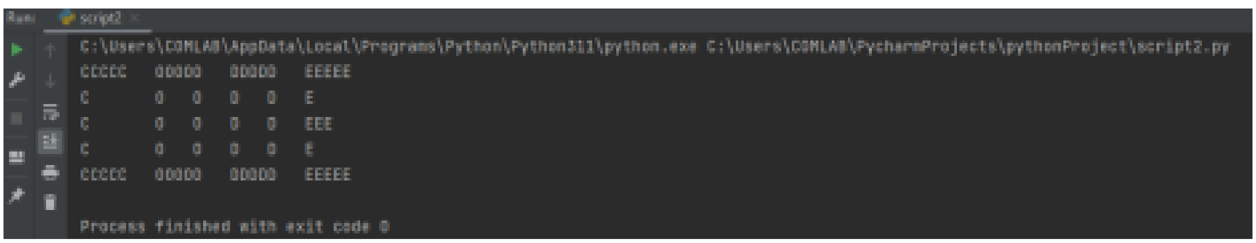
Midterm Lab Task Set 1
Python Basic Input-Output/Operators/Escape sequence and Placeholders

Problem 1. Using print statement

Code:

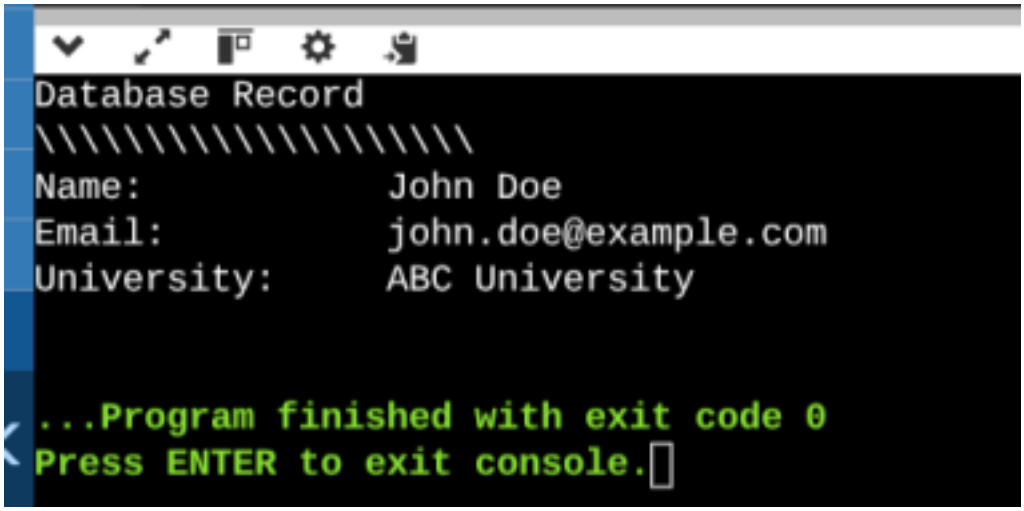
Output:



Problem 2. Using Escape Sequence. Use only 1 print statement for this output

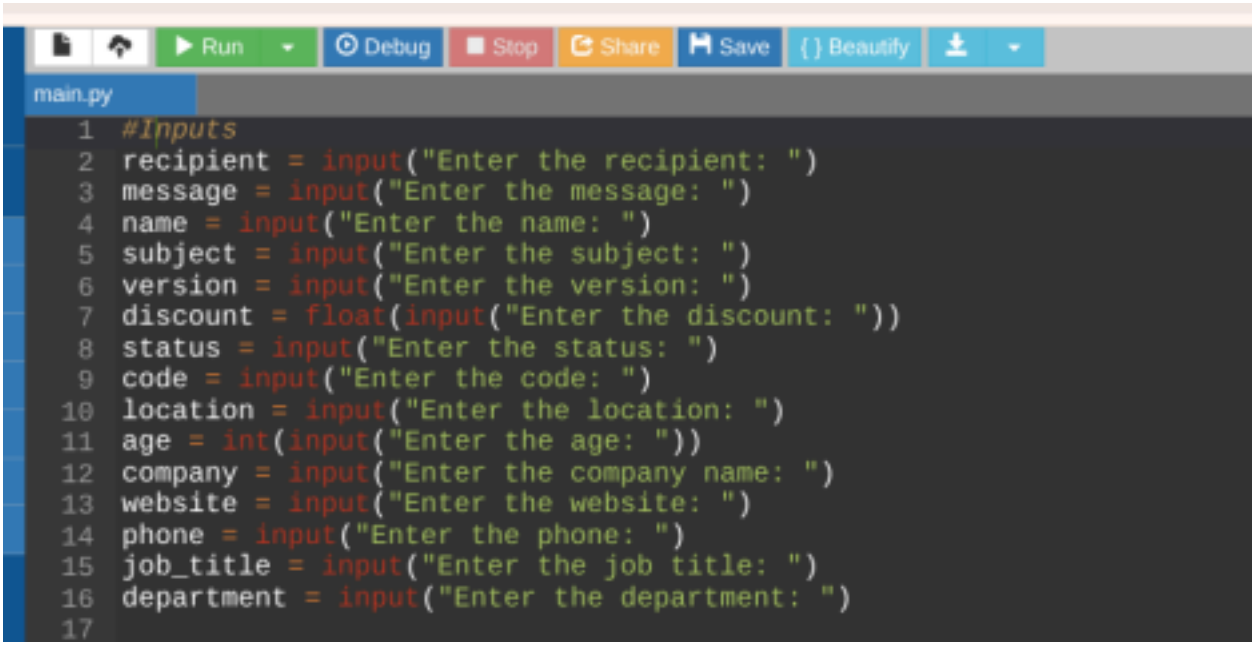
Code:

Output:



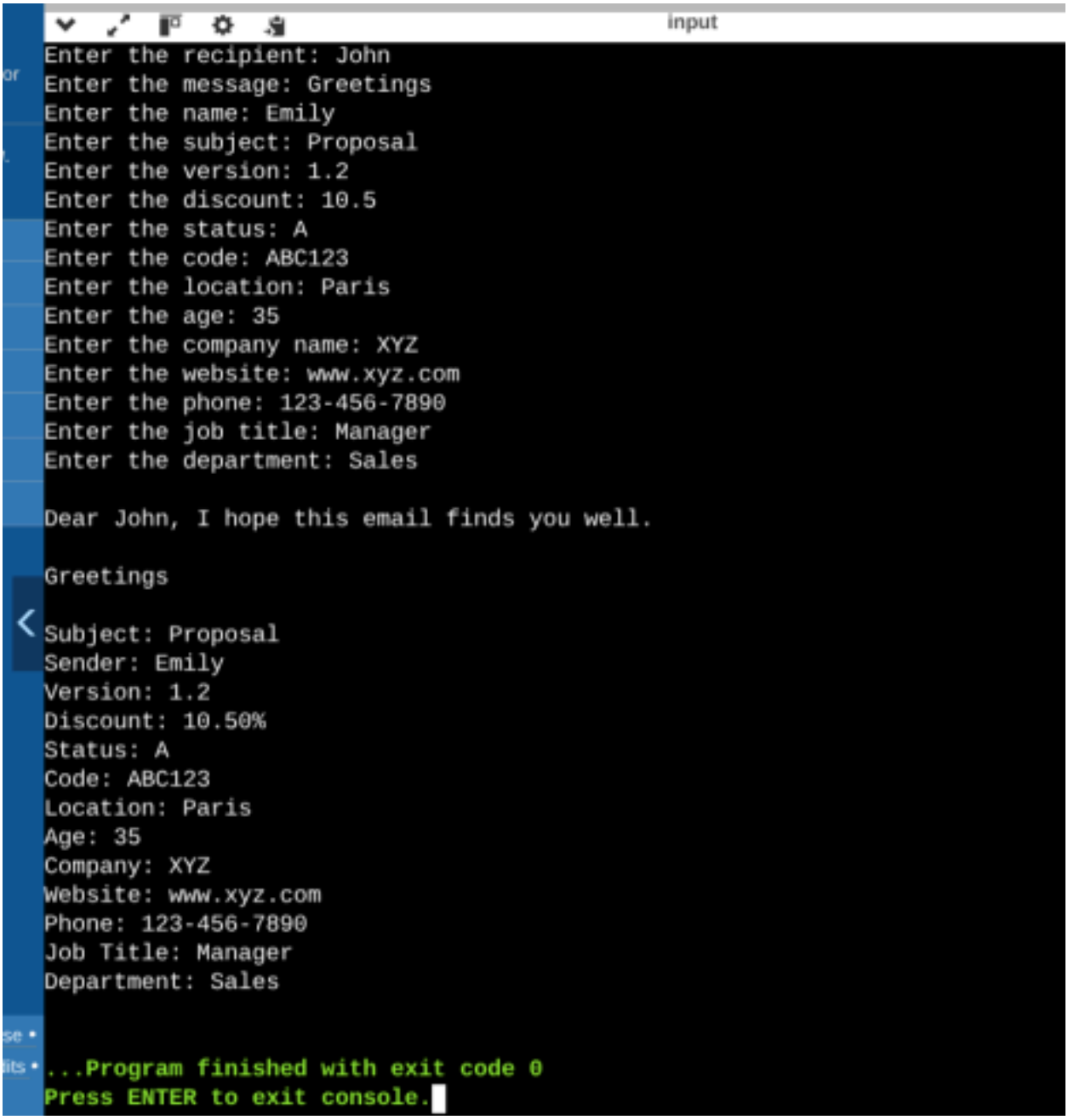
Problem 3. Input Operations

Code:



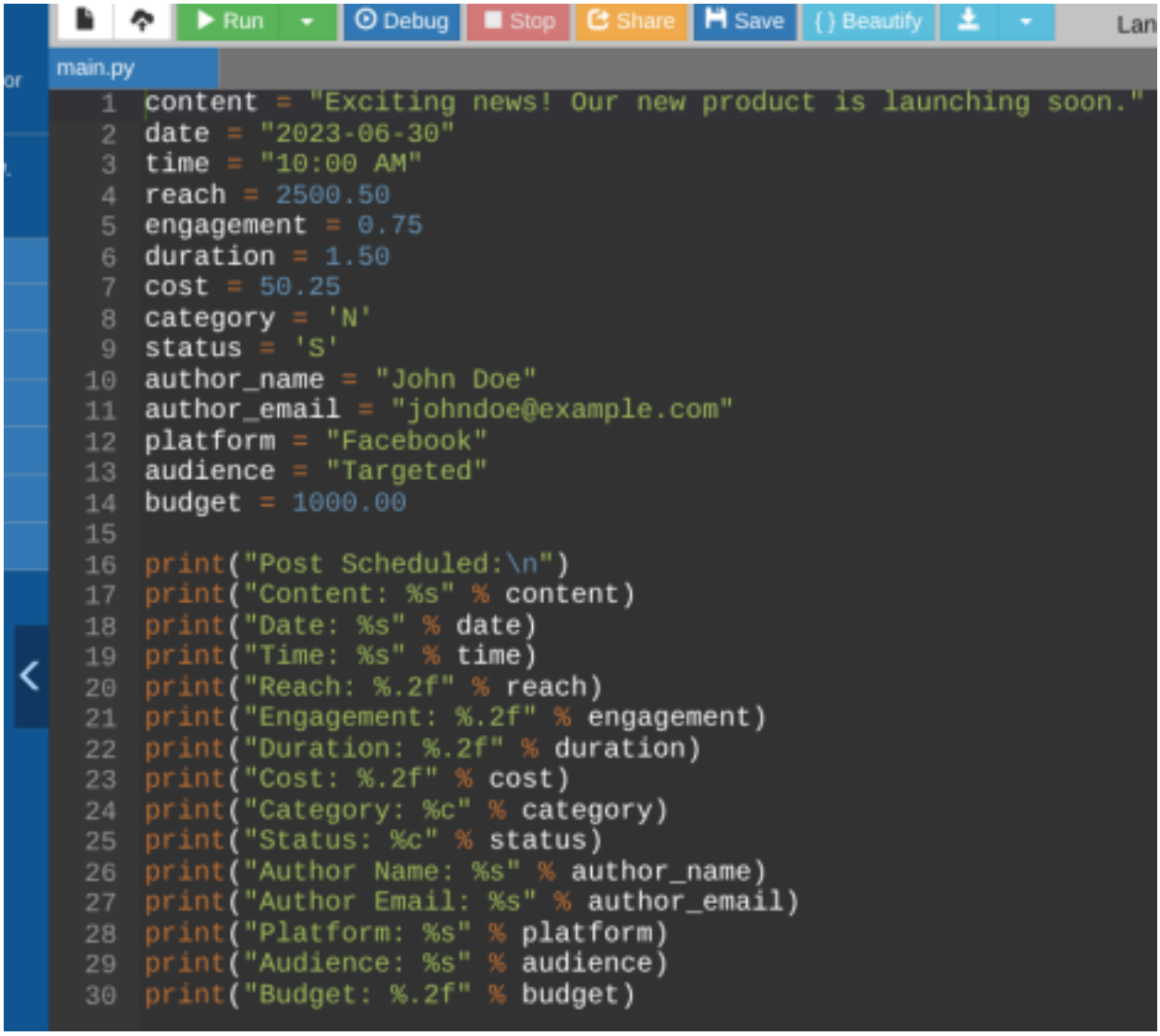
```python
#The output of email format
print(f"\nDear {recipient}, I hope this email finds you well.\n")
print(message)
print(f"\nSubject: {subject}")
print(f"Sender: {name}")
print(f"Version: {version}")
print(f"Discount: {discount:.2f}%")
print(f"Status: {status}")
print(f"Code: {code}")
print(f"Location: {location}")
print(f"Age: {age}")
print(f"Company: {company}")
print(f"Website: {website}")
print(f"Phone: {phone}")
print(f"Job Title: {job_title}")
print(f"Department: {department}")
```

Output:

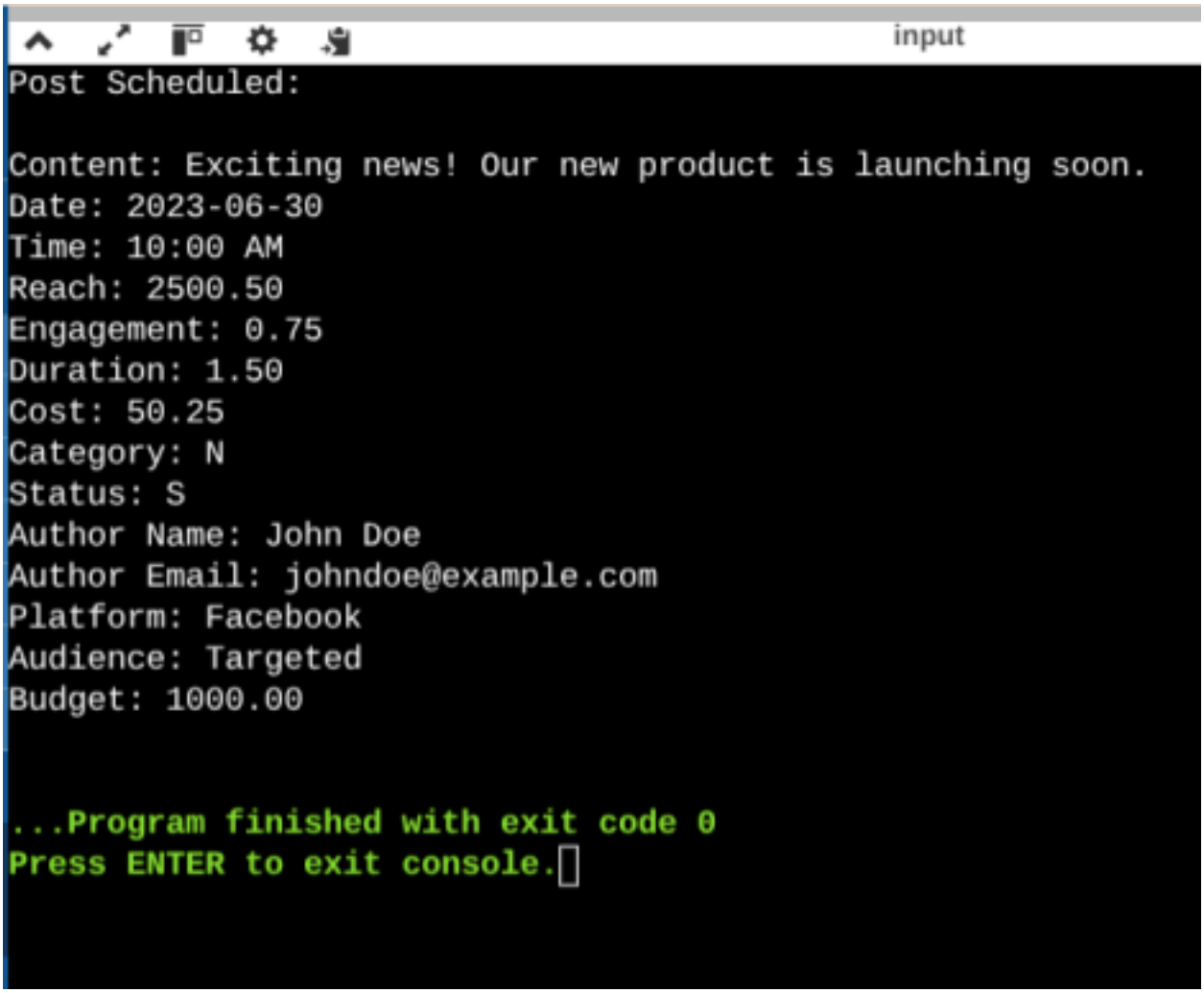


Problem 4. Using Placeholders with % specifier

Code:


Run
Debug
Stop
Share
Save
{ } Beautify
main.py
content = "Exciting news! Our new product is launching soon."
date = "2023-06-30"
time = "10:00 AM"
reach = 2500.50
engagement = 0.75
duration = 1.50
cost = 50.25
category = 'N'
status = 'S'
author_name = "John Doe"
author_email = "johndoe@example.com"
platform = "Facebook"
audience = "Targeted"
budget = 1000.00
print("Post Scheduled:\n")
print("Content: %s" % content)
print("Date: %s" % date)
print("Time: %s" % time)
print("Reach: %.2f" % reach)
print("Engagement: %.2f" % engagement)
print("Duration: %.2f" % duration)
print("Cost: %.2f" % cost)
print("Category: %c" % category)
print("Status: %c" % status)
print("Author Name: %s" % author_name)
print("Author Email: %s" % author_email)
print("Platform: %s" % platform)
print("Audience: %s" % audience)
print("Budget: %.2f" % budget)

Output:



Problem 5. Type Casting

Code:

Run Debug Stop Share Save { } Beautify

main.py

```
#Inputs
num_int = int(input("Enter an integer: "))
num_float = float(input("Enter a float: "))

#Conversion
difference = float(num_int) - num_float

#The result
print("The difference is: %.2f" % difference)
```

Output: