

```
version = input("Enter the version: ")
```

```
discount = input("Enter the discount: ")
status = input("Enter the status: ")
code = input("Enter the code: ")
location = input("Enter the location: ")
age = input("Enter the age: ")
company_name = input("Enter the Company Name: ")
website = input("Enter the website: ")
phone = input("Enter the phone: ")
job_title = input("Enter the job title: ")
department = input("Enter the department: ")
print(f"Dear {recipient}, I hope this email finds you well.")
print(message)
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_name}")
print(f"Website: {website}")
print(f"Phone: {phone}")
print(f"Job Title: {job_title}")
print(f"Department: {department}")
```

```
print()

print("Problem 4. Using Placeholders with % specifier")

print("Post Scheduled:")

print("Content: %s" % "Exciting news! our new product is launching soon")

print("Date: %s" % "2023-06-30")

print("Time: %s" % "10:00 AM")

print("Reach: %.2f" % 2500.50)

print("Engagement: %.2f" % 0.75)

print("Duration: %.2f" % 1.50)

print("Cost: %.2f" % 50.25)

print("Category: %c" % 'N')

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

print("Author name: %s" % "John Doe")

print("Author email: %s" % "johndoe@example.com")

print("Platform: %s" % "Facebook")

print("Audience: %s" % "Targeted")

print("Budget: %.2f" % 1000.00)
```

```
print()

print("Problem 5. Type Casting")

num1 = int(input("Enter an integer: "))

num2 = float(input("Enter a float: "))

difference = num1 - num2

print(f"The difference is: {difference:.2f}")
```

Output

Problem 1

| | | | |
|-------|-------|-------|------|
| CCCCC | 00000 | DDDDD | EEEE |
| C | 0 0 | D D | E |
| C | 0 0 | D D | EEEE |
| C | 0 0 | D D | E |
| CCCCC | 00000 | DDDDD | EEEE |

Problem 2

```

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

```

Problem 3

```
Enter the recipient: John
Enter the message: Greetings
Enter the name: Emily
Enter the subject: Proposal
Enter the version: 1.2
Enter the discount: 10.5
Enter the status: A
Enter the code: ABC123
Enter the location: Paris
Enter the age: 35
Enter the Company Name: XYZ
Enter the website: www.xyz.com
Enter the phone: 123-456-7890
Enter the job title: Manager
Enter the department: Sales
Dear John, I hope this email finds you well.
Greetings
Subject: Proposal
Sender: Emily
Version: 1.2
Discount: 10.5
Status: A
Code: ABC123
Location: Paris
Age: 35
Company: XYZ
Website: www.xyz.com
Phone: 123-456-7890
Job Title: Manager
Department: Sales
```

Problem 4

```
Problem 4. Using Placeholders with % specifier
Post Scheduled:
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
```

Problem 5

```
Problem 5. Type Casting
Enter an integer: 5
Enter a float: 3.14
The difference is: 1.86
```