1. Calculate the total of monthly bills.

Given a list of bills like [1500, 2000, 3000], iterate through the list.

Print each bill amount and the total at the end.

```
Lst = 1500, 2000, 3000
total = 0
for i in Lst:
    total = i+total
    print(i)
print(f"total bill amount is {total}")
```

```
1500
2000
3000
total bill amount is 6500
```

2. Simulate attendance tracking.

Given a list of student names like ["John", "Mary", "Alex"], print each name followed by

"Present."

```
student = "John", "Mary", "Alex"
for i in student:
    print(f" {i}", "present")
```

```
 John present
 Mary present
 Alex present
```

3. Salary Distribution

Distribute bonuses to employees.

Given a dictionary {"John": 5000, "Mary": 6000}, iterate through the dictionary.

Print each employee's name and their bonus.

```
dictionary = "John:5000", "Mary:6000"
for i in dictionary:
    print(f" Your bonuses is {i}")

 Your bonuses is John:5000
 Your bonuses is Mary:6000
```

4. Grade Report

Calculate grades for students.

Given a list of scores [85, 92, 76, 61], assign grades:

>= 90: A

>= 80: B

>= 70: C

< 70: F

Print the grades for each studen

```
student_grade = [85, 92, 76, 61]
for i in student_grade:
    if i>= 90:
        print(f" {i}," "A")

    elif i>= 80:
        print(f"{i}," "B")

    elif i>= 70:
                print(f"{i}," "C")
    else:
        print(f"{i}," "F")
```

```
85,B
 92,A
76,C
61,F
```

5. Book Availability

Check if a book is in a library.

Given a list of books like ["Python Basics", "Data Science"], ask the user for a title.

Print "Available" if the title is in the list, or "Not

```
available_books = "Python Basics", "Data Science", "Chemistry",
"Computer"
book = str(input("Enter Your Book :"))
for i in available_books:
    if book in available_books:
        print("Available")
        break

    else:
        print("Not Available")
        break
```

```
Enter Your Book : Chemistry
```

```
Available
```

6. Temperature Analysis

Analyze daily temperatures for a week.

Given a list [30, 32, 28, 35, 29], find the highest and lowest temperatures using a loop

```
Lst = [30, 32, 28, 35, 29]
max_temp = Lst[0]  ## Initialize min and max variables
min_temp = Lst[0]
for i in Lst:      ## Loop through the List
    if i > max_temp:
        max_temp=i

    if i < min_temp:
            min_temp=i
```

```
print(max_temp)
print(min_temp)
```

```
35
28
```

7. Inventory Management

Check for low-stock items in a store.

Given a dictionary {"Apples": 5, "Bananas": 20}, print items with quantities below 10.

```
dic = {"Apples": 5, "Bananas": 20}

for i, j in dic.items():
    if j < 10:
        print(f"{i} has low stock: {j}")
```

```
Apples has low stock: 5
```

8. Flight Seat Booking

Check booked and available seats.

Given a list of seats [1, 2, 3, 4] and booked seats [2, 4], print "Booked" or "Available" for each

seat

```
Lst_of_seats = [1, 2, 3, 4]
booked_seats = [2,4]
user = int(input("Enter Your seat"))
for i in Lst_of_seats:
    if user in booked_seats:
        print("Booked")
        break

    else:
        print("Available")
    break
```

```
Enter Your seat 4
```

```
Booked
```

9. Savings Interest Calculator

Calculate weekly interest for a savings account.

Given a list of daily balances [5000, 5200, 5300], calculate daily interest at 0.05% and display

the total interest.

```
daily_balances = [5000, 5200, 5300]
total_interest = 0

for i in daily_balances:
        interest = i*(0.05/100)
        total_interest += interest
print(f" the interest for balance is {total_interest}")
```

```
 the interest for balance is 7.75
```

10. Customer Feedback Analyzer

Analyze feedback for keywords.

Given a list of comments like ["Great service", "Poor product"], print comments containing the

word "service

```
feedback = ("Great service", "Poor product")
for i in feedback:
    if "service" in i:
         print(i)
```

```
Great service
```