

Q.1) Write a Python program which accepts the user's first and last name and print them in reverse order with a space between them.

```
1      # Q1.
2
3      first_name = input("Enter your first name: ")
4      last_name = input("Enter your last name: ")
5
6      print(last_name + " " + first_name)
```

Output –

```
"B:\Python Practice placements\.venv\Scripts\python.exe" "B:\Python Practice placements\practice.py"
Enter your first name: Rohit
Enter your last name: sharma
sharma Rohit

Process finished with exit code 0
```

Q.2) Write a Python program to print the calendar of a given month and year. Note : Use 'calendar' module.

```
# Q2.

import calendar

year = int(input("Enter the year: "))
month = int(input("Enter the month: "))

print(calendar.month(year, month))
```

Output-

```
"B:\Python Practice placements\.venv\Scripts\python.exe" "B:\Python Practice placements\practice.py"
Enter the year: 2024
Enter the month: 5
May 2024
Mo Tu We Th Fr Sa Su
      1  2  3  4  5
 6  7  8  9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31
```

Q.3) Write a Python program to calculate number of days between two dates. [use datetime module] Sample dates : (2014, 7, 2), (2014, 7, 11) Expected output : 9 days

```
from datetime import date

date_1 = date(year=2014, month=7, day=2)
date_2 = date(year=2014, month=7, day=11)

diff = date_2 - date_1
print(diff.days)
```

Output-

```
"B:\Python Practice placements\.venv\Scripts\python.exe" "B:\Python Practice placements\practice.py"
9

Process finished with exit code 0
```

Q.4) Write a Python program to test whether a passed letter is a vowel or not.

```
letter = input("Enter a letter: ")

if letter in ['a', 'e', 'i', 'o', 'u']:
    print("The letter is a vowel")
else:
    print("The letter is not a vowel")
|
```

Output-

```
"B:\Python Practice placements\.venv\Scripts\python.exe" "B:\Python Practice placements\practice.py"
Enter a letter: h
The letter is not a vowel

Process finished with exit code 0
```