

## Test

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.

```
import numpy as np

import pandas as pd

firstname = input("Enter the first name: ")

lastname = input("Enter the last name: ")

print(lastname + " " + firstname)
```

```
*** Enter the first name: Sahil
    Enter the last name: Shende
    Shende Sahil
```

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

```
import calendar

def Calender():

    month = input("Enter the month: ")

    year = input("Enter the year: ")

    result = calendar.month(int(year), int(month), 1)

    print(result)

Calender()
```

```
*** Enter the month: 6
    Enter the year: 2003
        June 2003
    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
```

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
```

```
date1 = date(2014,7,11)
```

```
date2 = date(2014,7,2)
```

```
result = date1 - date2
```

```
print(result)
```

A screenshot of a Python IDE with a dark theme. The code editor shows four lines of Python code: `date1 = date(2014,7,11)`, `date2 = date(2014,7,2)`, `result = date1 - date2`, and `print(result)`. Below the code editor, the output console shows the result of the execution: `9 days, 0:00:00`.

```
date1 = date(2014,7,11)
date2 = date(2014,7,2)
result = date1 - date2
print(result)

... 9 days, 0:00:00
```

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

```
vowel = ['a','e','i','o','u']
```

```
ch = input("Enter the character: ")
```

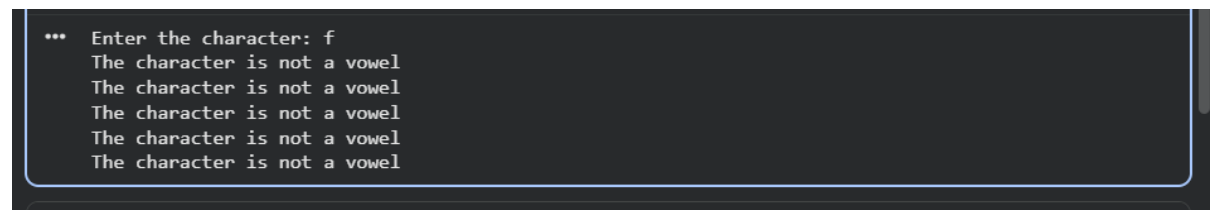
```
for i in vowel:
```

```
    if ch == i:
```

```
        print("The character is a vowel")
```

```
    else:
```

```
        print("The character is not a vowel")
```

A screenshot of a Python IDE with a dark theme. The code editor shows the implementation of a vowel test program. The output console shows the program's execution with the input 'f' and five iterations of the output 'The character is not a vowel'.

```
... Enter the character: f
The character is not a vowel
The character is not a vowel
The character is not a vowel
The character is not a vowel
The character is not a vowel
```