

SAHIL KHEDEKAR

038

DBDA

Code:

'''

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.

'''

first_name=str(input("Enter first Name: "))

second_name=str(input("Enter Last Name: "))

print(f"{second_name}{ " "}{first_name}")



```
1 '''
2 Q.1) Write a Python program which accepts the user's first and last name and
3 print them in
4 reverse order with a space between them.
5 '''
6 first_name=str(input("Enter first Name: "))
7 second_name=str(input("Enter Last Name: "))
8
9 print(f"{second_name}{ " "}{first_name}")

... Enter first Name: sahil
Enter Last Name: khedekar
khedekar sahil
```

.....

Q.2) Write a Python program to print the calendar of a given month and year.

Note : Use 'calendar' module.

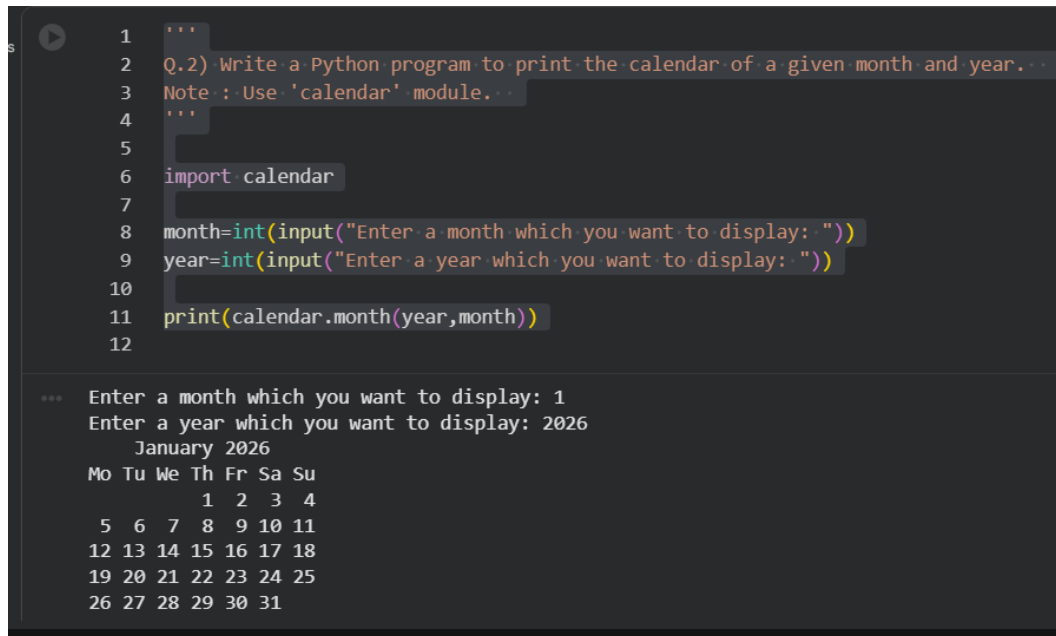
Code:

```
import calendar

month=int(input("Enter a month which you want to display: "))

year=int(input("Enter a year which you want to display: "))

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

A screenshot of a Python IDE with a dark background. The top part shows the code for Q.2, which imports the calendar module and takes user input for a month and year to display a calendar. The bottom part shows the program's execution: it prompts for a month (1) and a year (2026), then displays the calendar for January 2026. The calendar is formatted with days of the week as headers and dates as numbers in a grid.

```
1 '''
2 Q.2) Write a Python program to print the calendar of a given month and year..
3 Note : Use 'calendar' module..
4 '''
5
6 import calendar
7
8 month=int(input("Enter a month which you want to display: "))
9 year=int(input("Enter a year which you want to display: "))
10
11 print(calendar.month(year,month))
12
```

```
... Enter a month which you want to display: 1
Enter a year which you want to display: 2026
January 2026
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)

Code:

```
from datetime import date

date1=date(2014,7,2)

date2=date(2014,7,11)

diff=(date2-date1).days

print(diff,"days")
```

```
1 '''
2 Q.3) Write a Python program to calculate number of days between two dates.
3 [ use datetime module ]
4 Sample dates : (2014, 7, 2), (2014, 7, 11)
5 Expected output : 9 days
6 '''
7
8 from datetime import date
9 date1=date(2014,7,2)
10 date2=date(2014,7,11)
11
12 diff=(date2-date1).days
13 print(diff,"days")
... 9 days
```

Code:

.....

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

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

```
letter=str(input("enter a letter: ")).lower
```

```
if letter in vowel:
```

```
    print("It is a vowel")
```

```
else:
```

```
    print("It is not a vowel")
```

```
1 #Q.4) Write a Python program to test whether a passed letter is a vowel or not.
2
3 vowel='a','e','i','o','u'
4
5 letter=str(input("enter a letter: ")).lower
6
7 if letter in vowel:
8     print("It is a vowel")
9 else:
10    print("It is not a vowel")
... enter a letter: A
   It is not a vowel
```