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
     print them in
3    reverse order with a space between them.
4    '''
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
```

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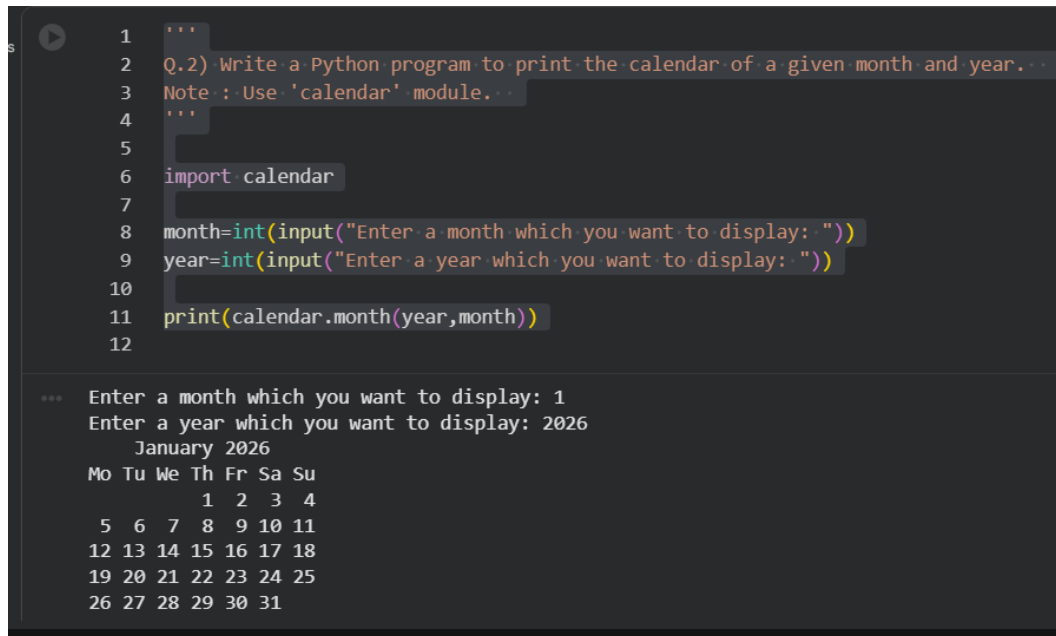
Note : Use 'calendar' module.

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))
```

```
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
```

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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:

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#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
```