

PYTHON PLACEMENT PREP 2025

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 = input("Enter your first name: ")  
last = input("Enter your last name: ")  
print(last + " " + first)
```

```
Enter your first name: Sanket  
Enter your last name: Pingle  
Pingle Sanket  
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON> □
```

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

```
import calendar  
year = calendar.month(2026,1)  
print(year)
```

```
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  
  
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON>
```

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)

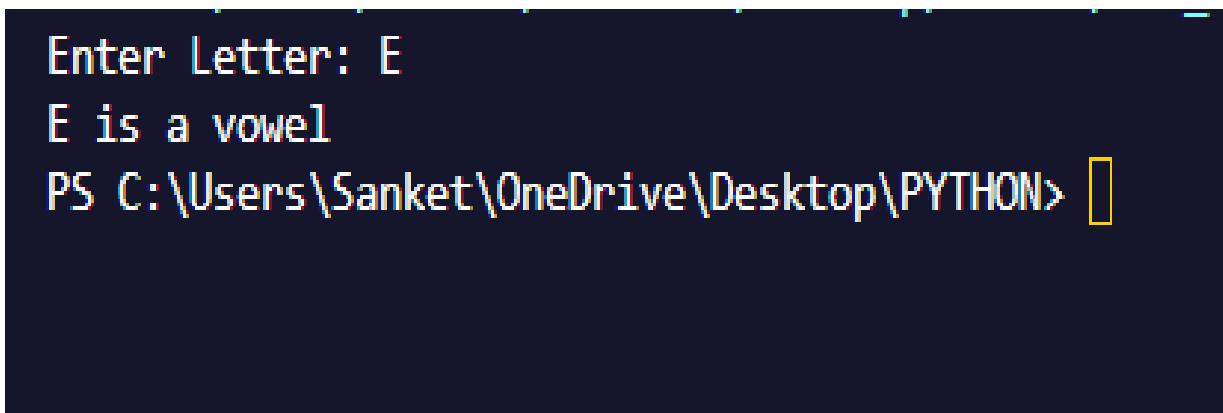
Expected output : 9 days

```
from datetime import datetime  
  
date1 = datetime(2014, 7, 2)  
  
date2 = datetime(2014, 7, 11)  
  
difference = date2 - date1  
  
print(f"The difference is {difference}")
```

```
The difference is 9 days, 0:00:00  
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON>
```

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

```
letter = input("Enter Letter: ")  
vowels = "a,e,i,o,u,A,E,I,O,U"  
if (letter in vowels):  
    print(f"{letter} is a vowel")  
else:  
    print(f"{letter} is not a vowel")
```



```
Enter Letter: E  
E is a vowel  
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON> 
```