

DAILY ASSESSMENT FORMAT

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|--------------------|--|---------------------|-----------------------------|
| Date: | 24 th July 2020 | Name: | Roshni A B |
| Course: | How to develop pythonic coding rather than python coding | USN: | 4AL17EC080 |
| Topic: | Pythonic coding | Semester & Section: | 6 th sem 'B' sec |
| Github Repository: | Roshni-online | | |

FORENOON SESSION DETAILS



Image of session

The screenshot shows a Jupyter Notebook interface with the title "Pythonic workshop Day 4 Session 1.ipynb". The top bar includes a menu (File, Edit, View, Insert, Runtime, Tools, Help), a search bar, and icons for Comment, Share, and a user profile. The notebook content area shows a code cell with the text "The following code is harmful" above it. The code cell contains the following Python code:

```
book_info = ' The Three Musketeers: Alexandre Dumas '  
formatted_book_info = book_info.strip()  
formatted_book_info = formatted_book_info.upper()  
formatted_book_info = formatted_book_info.replace(':', ' by')  
formatted_book_info
```

The output of the code cell is displayed below the code, showing the result of the string formatting: "EERS by ALEXANDRE DUMAS'". A notification bubble in the bottom left corner states "Sanketh Acharya has left the meeting".

with

```
ints_list = [1, 2, 3, 4, 3, 2]
```

```
temp = []
```

```
for x in ints_list:  
    if
```

```
x = [1, 2, 3, 4, 5, 6]
```

```
result = []
```

```
for idx in range(len(x)):
```

```
    result.append(x[idx] * 2)
```

```
print(result)
```

```
x = [1, 2, 3, 4, 5, 6]
```

```
print([(element * 2) for element in x])
```

```
x = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```
x * 2 = [2, 4, 6, 8, 10, 12, 14, 16, 18, 20]
```

```
x = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```
result = []
```

```
for idx in range(len(x)):
```

```
    if x[idx] % 2 == 0:
```

```
        result.append(x[idx] * 2)
```

```
    else:
```

```
        result.append(x[idx])
```

```
print(result)
```

```
x = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
```

```
[(element * 2 if element % 2 == 0 else element) for  
element in x]
```