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***Section: 3C***

***Topic : Searching for Valid date in the given string***

***Code:***

*import re*

*txt = "The conference is from 09-10-2021 to 16-10-2021, and aliens will arrive on 32-5-2021"*

*print("Text\n"+txt)*

*date = "(((([1-2][0-9]|0[1-9]|3[0-1])-(0[13578]|1[02]))|(([1-2][0-9]|0[1-9]|30)-(0[469]|11))|(([1-2][0-9]|0[1-8])-(02)))-2021)"*

*cmp = re.compile(date)*

*x = re.findall(cmp,txt)*

*print("The valid dates mentioned in the text are:")*

*for i in range(len(x)):*

*print(x[i][0])*

*sp = re.search(x[i][0],txt)*

*span = sp.span()*

*print("The span of the above date is:",span)*

*txt = re.sub(x[i][0],"{date}",txt,1)*

*print("All the valid dates are replaced with {date} in the text")*

*print("Text\n"+txt)*

***Output Screenshots:***

