2020/2021 First Semester

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| Course Code | DS540 |
| Course Name | Advanced Python for Data Science |
| CRN | 14045 |
| Assignment type | Critical Thinking |
| Module | 06 |
| Assignment Points | 105 |

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1. Q:1

import numpy as np  
  
my\_strings = np.array(['Mousa', 'Mohammed', 'Ageeli', 'married', '4-kids', 'SEU', 'MDS', 'Dream', 'Vision'])

Q2:

def main(string):  
 #will join  
 string\_join = ' '.join(string)  
 print(string\_join)  
 #after the joining the string will return them  
 string\_split = string\_join.split()  
  
 print(string\_split)  
 # main function  
if \_\_name\_\_ == '\_\_main\_\_':  
 main(my\_strings)

output

* Mousa Mohammed Ageeli married 4-kids SEU MDS Dream Vision
* ['Mousa', 'Mohammed', 'Ageeli', 'married', '4-kids', 'SEU', 'MDS', 'Dream', 'Vision']

Q3:

In the above program, the array are created. Then, using the join keyword, the program uses split function on space delimeter to the 'joined\_string' variable to split the string to multiple individual strings.