```
In [172]: #Q1 Create myTuple tuple with the follwoing values ("NPower", "JDA", "Tuesday", 30, 3
          myTuple = ("NPower", "JDA", "Tuesday", 30, 3, 2021)
          type(myTuple)
Out[172]: tuple
In [139]: #Q2 What is the type of myTuple
          type(myTuple)
Out[139]: tuple
In [140]: #Q3 What is the length of myTuple
          len(myTuple)
Out[140]: 6
In [141]: #04 print the values in each index #Use regular indexing
          print(myTuple[0])
          print(myTuple[1])
          print(myTuple[2])
          print(myTuple[3])
          print(myTuple[4])
          print(myTuple[5])
          NPower
          JDA
          Tuesday
           30
           3
          2021
In [142]: #05 print the values in each index #Use negative indexing
          print(myTuple[-1])
          print(myTuple[-2])
          print(myTuple[-3])
          print(myTuple[-4])
          print(myTuple[-5])
          print(myTuple[-6])
          2021
          3
           30
          Tuesday
          JDA
          NPower
```

```
In [20]: #06 what is the type of each value
          print('Type of 1st element: ',type(myTuple[0]))
          print('Type of 2nd element: ',type(myTuple[1]))
          print('Type of 3rd element: ',type(myTuple[2]))
          print('Type of 4th element: ',type(myTuple[3]))
          print('Type of 5th element: ',type(myTuple[4]))
          print('Type of 6th element: ',type(myTuple[5]))
          Type of 1st element: <class 'str'>
          Type of 2nd element: <class 'str'>
          Type of 3rd element: <class 'str'>
          Type of 4th element: <class 'int'>
          Type of 5th element: <class 'int'>
          Type of 6th element: <class 'int'>
In [145]: #07 unpack myTuple in the follwoeing variables name, program, dayName, month, day, year
          # print the variables
          myTuple = (name, program, dayName, month, day, year)
          print(myTuple)
          NameError
                                                    Traceback (most recent call last)
          Cell In[145], line 4
                1 #07 unpack myTuple in the follwoeing variables name,program,dayName,month,day,year
                2 # print the variables
           ---> 4 myTuple = (name, program, dayName, month, day, year)
                 5 print(myTuple)
          NameError: name 'name' is not defined
 In [12]: #08 unpack myTuple2 in the follwoeing variables name, program, dayName.
          # What will happen to variables (name, program, dayName) and (month, day, year)
```

```
In [146]: # Note the following
          Tuple1=("Jerry",2,89) #This is a tuple with 3 elements
          Tuple2=("Ulan",)#This is a tuple with 1 element
          test="Leul" #This is a VARIABLE with string value
          a,b,c=Tuple1
          print("Type a",type(a))
          print(a,b,c)
          d=Tuple2
          print(type(d))
          print(d)
          e=test
          print(e)
          Type a <class 'str'>
          Jerry 2 89
          <class 'tuple'>
          ('Ulan',)
          Leul
In [147]: #Tuples are immutable
          #we can always make the testTuple variable reference a new tuple in the memory
          #and hold a different information
          testTuple=(1,2,3)
          print(testTuple)
          testTuple=(4,5,6)
          print(testTuple)
          #But we can't change or edit a value for the existing tuple
          testTuple[0]=6 #ERROR 'tuple' object does not support item assignment
          (1, 2, 3)
          (4, 5, 6)
                                                    Traceback (most recent call last)
          TypeError
          Cell In[147], line 9
                7 print(testTuple)
                8 #But we can't change or edit a value for the existing tuple
          ----> 9 testTuple[0]=6
          TypeError: 'tuple' object does not support item assignment
```

```
In [150]: #09 Reverse myTuple, output should looks like (2021,3,30,"Tuesday","JDA","NPower")
          rev myTuple = reversed(myTuple)
          rev myTuple
Out[150]: <reversed at 0x21114ccb640>
In [151]: #Q10 Create nestedTuple=(("Coursera", "course",6),("week",(2,"Lists","Tuple")))
          nestedTuple = (('Coursera', 'Course',6),('Week',(2,'Lists','Tuple')))
          nestedTuple
Out[151]: (('Coursera', 'Course', 6), ('Week', (2, 'Lists', 'Tuple')))
In [152]: #Q11 What is the output of nestedTuple[1:2]
          nestedTuple[1:2]
Out[152]: (('Week', (2, 'Lists', 'Tuple')),)
In [153]: #Q12 print each element in the nestedTuple
          print(nestedTuple[0][0])
          print(nestedTuple[0][1])
          print(nestedTuple[0][2])
          print(nestedTuple[1][0])
          print(nestedTuple[1][1][0])
          print(nestedTuple[1][1][1])
          print(nestedTuple[1][1][2])
          Coursera
          Course
          6
          Week
          Lists
          Tuple
In [154]: #Q13 Access (2,"Lists","Tuple") from nestedTuple
          nestedTuple[1][1]
Out[154]: (2, 'Lists', 'Tuple')
In [155]: #Q14 Access the value "Lists" from nestedTuple
          nestedTuple[1][1][1]
Out[155]: 'Lists'
```

```
In [156]: #Q15 Access the value "Tuple" from nestedTuple
          nestedTuple[1][1][2]
Out[156]: 'Tuple'
In [157]: #Q16 Access the value "course" from nestedTuple
          nestedTuple[0][1]
Out[157]: 'Course'
In [174]: #Q17 Concatenate myTuple with nestedTuple
          concat_Tuple = myTuple + nestedTuple
          concat_Tuple
Out[174]: ('NPower',
            'JDA',
            'Tuesday',
            30,
           3,
           2021,
           ('Coursera', 'Course', 6),
           ('Week', (2, 'Lists', 'Tuple')))
In [177]: #Q18 add your name to the tuple
          name_Tuple = ("Haider","Rizvi")
          name_Tuple = name_Tuple + concat_Tuple
          name_Tuple
Out[177]: ('Haider',
            'Rizvi',
            'NPower',
            'JDA',
            'Tuesday',
            30,
            3,
           2021,
           ('Coursera', 'Course', 6),
           ('Week', (2, 'Lists', 'Tuple')))
```

```
In [178]: #019 check whether Coursera exists within myTuple
          # NOTE "in" doesn't work properly with nested tuples
          "Coursera" in nestedTuple[0]
Out[178]: True
In [179]: #Q20 check whether 55 exists within testTuple
          testTuple=(1,2,33,55,6,55)
          55 in testTuple
Out[179]: True
In [184]: #Q21 Find the index of JDA in myTuple
          # Find the index of 'Coursera' in myTuple
          # NOTE index doesn't work properly with
          myTuple.index('JDA')
Out[184]: 1
In [185]: #Q22 print index 8 from myTuple
          myTuple[8]
          IndexError
                                                    Traceback (most recent call last)
          Cell In[185], line 3
                1 #Q22 print index 8 from myTuple
          ----> 3 myTuple[8]
          IndexError: tuple index out of range
 In [35]: #Q23 Get the 4th element from the begining of myTuple and 4th element from last o
In [187]: #Q24 Find how many times 55 appeared in testTuple [Hint: Use method count()]
          55 in testTuple
          testTuple.count(55)
Out[187]: 2
```

In [ ]: ## List

'Jia Von Then', 'Rozina Aamir Vahora', 'Praveena Vijayanand', 'Qingyuan Xue', 'Halit Yildirim')

'Vishwanatha Srinivasa','Meach Subaday','Gbolahan Sunmonu','Loren Taborda','VanTam (Tina) Tang','Teklit Tesfakir

JDA

```
Out[71]: ('Bilkis Abolarinwa',
           'Abdul Wasi Ahmadi',
           'Uwaila Joy Aiwekhoe',
           'Gift Ajayi',
           'Azizah Alawusa',
           'Derek Anderson',
           'Hephzhi Andrews',
           'Divya Annapureddy',
           'Umair Anwar',
           'Emmanuel Arogundade',
           'Gohar Ayoub',
           'Ihuaku Azuma-Awoyo',
           'Jonathan Banks',
           'Khaled Ben Ali',
           'Luwam Beyin',
           'Bansari Bhatt',
           'Biruk Abdissa Biru',
           'Omowumi Borokinni',
           'Sophie Cervera',
           'Annie Chaudhary',
           'Martino DeLeon',
           'Sandhya Deshahalli Ramalingaiah',
           'Seethal Elias',
           'Mahmoud Elshal',
           'Farha Fatima',
           'Alfred Frendo-Cumbo',
           'Kamalini Gnanamoorthy',
           'Xiangyun Gu',
           'Jackson Hemingway',
           'Yao Hong',
           'Bouzaya Imen',
           'Mahalakshmi Janarthanan',
           'Prakash Kannel',
           'Swati Karthik Varadarajan',
           'Sandeep Kaur',
           'Taranpreet Kaur',
           'Harkirat Kaushal',
           'Abeda Rezwana Khanam',
           'Rohit Nitin Kher',
           'Akriti Khullar',
           'Poonam Kota',
           'Snizhana Kshetska',
           'Archana Kulkarni',
           'Rahul Kumar',
           'Shino Kuriakose',
           'Lu Liu',
           'Amber MacMullin',
```

```
'Mintu Mathew',
'David Mbiriri',
'John Carlo Moreno',
'Ogonna Nwankwo',
'Goodluck Obiakor',
'Chinenye Obiegbusi',
'Oluwaseun Odetola',
'Ayodele Odueke',
'Joseph Ogor',
'Oluwatosin Ogundipe',
'Daniel Ehinome Okonoyi',
'Olufunmilayo Olaoti',
'Oluwatosin Olawoye',
'Ramon Onel',
'Ramya Saroja Oruganti',
'Wan Pang',
'Anitha Panneer Selvam',
'Dhara Shaileshkumar Patel',
'Dharati Patel',
'Riyaben Patel',
'Elena Pellegrino',
'Maria Peskisheva',
'Archana Rajendrakumar',
'Pringa Ramavarman',
'Syed Muhammad Haider Raza Rizvi',
'Kyle Schroeder-Bear',
'Salma Shahamiry',
'Bhumika Sharma',
'Sonal Sharma',
'Revathi Singaram',
'Carlos Siso',
'Vishwanatha Srinivasa',
'Meach Subaday',
'Gbolahan Sunmonu',
'Loren Taborda',
'VanTam (Tina) Tang',
'Teklit Tesfakiros',
'Jia Von Then',
'Rozina Aamir Vahora',
'Praveena Vijayanand',
'Qingyuan Xue',
'Halit Yildirim')
```

```
In [72]: #Q2 Convert the tuple into a list called pps_L
    pps_L = list(JDA)
    pps_L
```

```
Out[72]: ['Bilkis Abolarinwa',
           'Abdul Wasi Ahmadi',
           'Uwaila Joy Aiwekhoe',
           'Gift Ajayi',
           'Azizah Alawusa',
           'Derek Anderson',
           'Hephzhi Andrews',
           'Divya Annapureddy',
           'Umair Anwar',
           'Emmanuel Arogundade',
           'Gohar Ayoub',
           'Ihuaku Azuma-Awoyo',
           'Jonathan Banks',
           'Khaled Ben Ali',
           'Luwam Beyin',
           'Bansari Bhatt',
           'Biruk Abdissa Biru',
           'Omowumi Borokinni',
           'Sophie Cervera',
           'Annie Chaudhary',
           'Martino DeLeon',
           'Sandhya Deshahalli Ramalingaiah',
           'Seethal Elias',
           'Mahmoud Elshal',
           'Farha Fatima',
           'Alfred Frendo-Cumbo',
           'Kamalini Gnanamoorthy',
           'Xiangyun Gu',
           'Jackson Hemingway',
           'Yao Hong',
           'Bouzaya Imen',
           'Mahalakshmi Janarthanan',
           'Prakash Kannel',
           'Swati Karthik Varadarajan',
           'Sandeep Kaur',
           'Taranpreet Kaur',
           'Harkirat Kaushal',
           'Abeda Rezwana Khanam',
           'Rohit Nitin Kher',
           'Akriti Khullar',
           'Poonam Kota',
           'Snizhana Kshetska',
           'Archana Kulkarni',
           'Rahul Kumar',
           'Shino Kuriakose',
           'Lu Liu',
           'Amber MacMullin',
```

```
'Mintu Mathew',
'David Mbiriri',
'John Carlo Moreno',
'Ogonna Nwankwo',
'Goodluck Obiakor',
'Chinenye Obiegbusi',
'Oluwaseun Odetola',
'Ayodele Odueke',
'Joseph Ogor',
'Oluwatosin Ogundipe',
'Daniel Ehinome Okonoyi',
'Olufunmilayo Olaoti',
'Oluwatosin Olawoye',
'Ramon Onel',
'Ramya Saroja Oruganti',
'Wan Pang',
'Anitha Panneer Selvam',
'Dhara Shaileshkumar Patel',
'Dharati Patel',
'Riyaben Patel',
'Elena Pellegrino',
'Maria Peskisheva',
'Archana Rajendrakumar',
'Pringa Ramavarman',
'Syed Muhammad Haider Raza Rizvi',
'Kyle Schroeder-Bear',
'Salma Shahamiry',
'Bhumika Sharma',
'Sonal Sharma',
'Revathi Singaram',
'Carlos Siso',
'Vishwanatha Srinivasa',
'Meach Subaday',
'Gbolahan Sunmonu',
'Loren Taborda',
'VanTam (Tina) Tang',
'Teklit Tesfakiros',
'Jia Von Then',
'Rozina Aamir Vahora',
'Praveena Vijayanand',
'Qingyuan Xue',
'Halit Yildirim']
```

```
In [73]: #Q3 What is the Length of your list
         len(pps_L)
Out[73]: 89
In [74]: #Q4 Find the values stored in indexes [3],[5],[14],[30],[38]
         print(pps_L[3])
         print(pps_L[5])
         print(pps_L[14])
         print(pps_L[30])
         print(pps_L[38])
         Gift Ajayi
         Derek Anderson
         Luwam Beyin
         Bouzaya Imen
         Rohit Nitin Kher
In [75]: #Q5 Check if "Sarah" is in the list
         'Sarah' in pps_L
Out[75]: False
In [77]: #Q6 Add "Sarah" to your list
         pps_L.append('Sarah')
         pps_L[-1]
Out[77]: 'Sarah'
In [78]: #Q7 Check if "Bashir" is in the list
          'Bashir' in pps_L
Out[78]: False
In [79]: #Q9 Add "Bashir" to your list
         pps_L.append('Bashir')
         pps_L[-1]
Out[79]: 'Bashir'
In [80]: #Q10 Find the index of the element "Sarah" in the list
         pps_L.index('Sarah')
Out[80]: 89
```

```
In [86]: #Q11 Change the value of the index in Q10 from "Sarah" to "Instructor"
pps_L[pps_L.index('Sarah')] = 'Instructor'
pps_L[89]
```

```
Out[86]: ['Bilkis Abolarinwa',
           'Abdul Wasi Ahmadi',
           'Uwaila Joy Aiwekhoe',
           'Gift Ajayi',
           'Azizah Alawusa',
           'Derek Anderson',
           'Hephzhi Andrews',
           'Divya Annapureddy',
           'Umair Anwar',
           'Emmanuel Arogundade',
           'Gohar Ayoub',
           'Ihuaku Azuma-Awoyo',
           'Jonathan Banks',
           'Khaled Ben Ali',
           'Luwam Beyin',
           'Bansari Bhatt',
           'Biruk Abdissa Biru',
           'Omowumi Borokinni',
           'Sophie Cervera',
           'Annie Chaudhary',
           'Martino DeLeon',
           'Sandhya Deshahalli Ramalingaiah',
           'Seethal Elias',
           'Mahmoud Elshal',
           'Farha Fatima',
           'Alfred Frendo-Cumbo',
           'Kamalini Gnanamoorthy',
           'Xiangyun Gu',
           'Jackson Hemingway',
           'Yao Hong',
           'Bouzaya Imen',
           'Mahalakshmi Janarthanan',
           'Prakash Kannel',
           'Swati Karthik Varadarajan',
           'Sandeep Kaur',
           'Taranpreet Kaur',
           'Harkirat Kaushal',
           'Abeda Rezwana Khanam',
           'Rohit Nitin Kher',
           'Akriti Khullar',
           'Poonam Kota',
           'Snizhana Kshetska',
           'Archana Kulkarni',
           'Rahul Kumar',
           'Shino Kuriakose',
           'Lu Liu',
           'Amber MacMullin',
```

```
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'Goodluck Obiakor',
'Chinenye Obiegbusi',
'Oluwaseun Odetola',
'Ayodele Odueke',
'Joseph Ogor',
'Oluwatosin Ogundipe',
'Daniel Ehinome Okonoyi',
'Olufunmilayo Olaoti',
'Oluwatosin Olawoye',
'Ramon Onel',
'Ramya Saroja Oruganti',
'Wan Pang',
'Anitha Panneer Selvam',
'Dhara Shaileshkumar Patel',
'Dharati Patel',
'Riyaben Patel',
'Elena Pellegrino',
'Maria Peskisheva',
'Archana Rajendrakumar',
'Pringa Ramavarman',
'Syed Muhammad Haider Raza Rizvi',
'Kyle Schroeder-Bear',
'Salma Shahamiry',
'Bhumika Sharma',
'Sonal Sharma',
'Revathi Singaram',
'Carlos Siso',
'Vishwanatha Srinivasa',
'Meach Subaday',
'Gbolahan Sunmonu',
'Loren Taborda',
'VanTam (Tina) Tang',
'Teklit Tesfakiros',
'Jia Von Then',
'Rozina Aamir Vahora',
'Praveena Vijayanand',
'Qingyuan Xue',
'Halit Yildirim',
'Instructor',
'Bashir']
```

```
In [88]: #Q12 Find the index of the element "Bashir" in the list
    pps_L.index('Bashir')
#pps_L
```

Out[88]: 90

```
In [89]: #Q13 Change the value of the index in Q12 from "Bashir" to "Peer-Mentor"
pps_L[pps_L.index('Bashir')] = 'Peer-mentor'
pps_L
```

```
Out[89]: ['Bilkis Abolarinwa',
           'Abdul Wasi Ahmadi',
           'Uwaila Joy Aiwekhoe',
           'Gift Ajayi',
           'Azizah Alawusa',
           'Derek Anderson',
           'Hephzhi Andrews',
           'Divya Annapureddy',
           'Umair Anwar',
           'Emmanuel Arogundade',
           'Gohar Ayoub',
           'Ihuaku Azuma-Awoyo',
           'Jonathan Banks',
           'Khaled Ben Ali',
           'Luwam Beyin',
           'Bansari Bhatt',
           'Biruk Abdissa Biru',
           'Omowumi Borokinni',
           'Sophie Cervera',
           'Annie Chaudhary',
           'Martino DeLeon',
           'Sandhya Deshahalli Ramalingaiah',
           'Seethal Elias',
           'Mahmoud Elshal',
           'Farha Fatima',
           'Alfred Frendo-Cumbo',
           'Kamalini Gnanamoorthy',
           'Xiangyun Gu',
           'Jackson Hemingway',
           'Yao Hong',
           'Bouzaya Imen',
           'Mahalakshmi Janarthanan',
           'Prakash Kannel',
           'Swati Karthik Varadarajan',
           'Sandeep Kaur',
           'Taranpreet Kaur',
           'Harkirat Kaushal',
           'Abeda Rezwana Khanam',
           'Rohit Nitin Kher',
           'Akriti Khullar',
           'Poonam Kota',
           'Snizhana Kshetska',
           'Archana Kulkarni',
           'Rahul Kumar',
           'Shino Kuriakose',
           'Lu Liu',
           'Amber MacMullin',
```

```
'Mintu Mathew',
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'Oluwaseun Odetola',
'Ayodele Odueke',
'Joseph Ogor',
'Oluwatosin Ogundipe',
'Daniel Ehinome Okonoyi',
'Olufunmilayo Olaoti',
'Oluwatosin Olawoye',
'Ramon Onel',
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'Wan Pang',
'Anitha Panneer Selvam',
'Dhara Shaileshkumar Patel',
'Dharati Patel',
'Riyaben Patel',
'Elena Pellegrino',
'Maria Peskisheva',
'Archana Rajendrakumar',
'Pringa Ramavarman',
'Syed Muhammad Haider Raza Rizvi',
'Kyle Schroeder-Bear',
'Salma Shahamiry',
'Bhumika Sharma',
'Sonal Sharma',
'Revathi Singaram',
'Carlos Siso',
'Vishwanatha Srinivasa',
'Meach Subaday',
'Gbolahan Sunmonu',
'Loren Taborda',
'VanTam (Tina) Tang',
'Teklit Tesfakiros',
'Jia Von Then',
'Rozina Aamir Vahora',
'Praveena Vijayanand',
'Qingyuan Xue',
'Halit Yildirim',
'Instructor',
'Peer-mentor']
```

```
In [50]: ## Dictionary
In [102]: #01 Create a dictionary for all participants in the JDA program.
          #Keys should be the first letter in their names, Values should be their names.
          #[Hint] dic={"l":(Leul),"J":(Jerry,Jainam)......}
          dic = {'A':'Alfred','D':'David','H':'Haider','I':('Ihuaku','Ifenna'),'S':'Salma','V':'Vishwanatha'}
          dic
Out[102]: {'A': 'Alfred',
           'D': 'David',
           'H': 'Haider',
           'I': ('Ihuaku', 'Ifenna'),
           'S': 'Salma',
           'V': 'Vishwanatha'}
 In [92]: #Q2 What are the keys of your dictionary
          dic.keys()
 Out[92]: dict_keys(['A', 'D', 'H', 'I', 'S', 'V'])
 In [93]: #Q3 What are the values of your dictionary
          dic.values()
 Out[93]: dict_values(['Alfred', 'David', 'Haider', ('Ihuaku', 'Ifenna'), 'Salma', 'Vishwanatha'])
 In [99]: #Q4 Find participant's names that start with J,I,M,C,A
          print(dic['I'])
          print(dic['A'])
          ('Ihuaku', 'Ifenna')
          Alfred
```

```
In [110]: #Q5 Add the following to your dictionary
          # Key<(K,PD)>, Value<(Kristina)>
          dic[("K","PD")] = "Kristina"
          dic
Out[110]: {'A': 'Alfred',
           'D': 'David',
            'H': 'Haider',
            'I': ('Ihuaku', 'Ifenna'),
            'S': 'Salma',
            'V': 'Vishwanatha',
           ('K', 'PD'): 'Kristina'}
In [111]: #Q6 Find the Length of your dictionary
          len(dic)
          dic
Out[111]: {'A': 'Alfred',
            'D': 'David',
            'H': 'Haider',
            'I': ('Ihuaku', 'Ifenna'),
            'S': 'Salma',
            'V': 'Vishwanatha',
           ('K', 'PD'): 'Kristina'}
In [112]: #Q7 Add the following to your dictionary
          # Key<(S,Instructor)>, Value<(Sarah)>
          dic[("S","Instructor")] = "Sarah"
          dic
Out[112]: {'A': 'Alfred',
            'D': 'David',
            'H': 'Haider',
            'I': ('Ihuaku', 'Ifenna'),
            'S': 'Salma',
            'V': 'Vishwanatha',
           ('K', 'PD'): 'Kristina',
           ('S', 'Instructor'): 'Sarah'}
In [113]: #Q8 Find the Length of your dictionary
          len(dic)
```

```
In [114]: #07 Delete the following keys from your dictionary
          #Key<(S,Instructor)>
          #Key<J>
          del(dic[('S','Instructor')])
          dic
Out[114]: {'A': 'Alfred',
           'D': 'David',
           'H': 'Haider',
            'I': ('Ihuaku', 'Ifenna'),
           'S': 'Salma',
            'V': 'Vishwanatha',
           ('K', 'PD'): 'Kristina'}
In [115]: #09 Find the Length of your dictionary
          len(dic)
Out[115]: 7
In [116]: #Q10 Create a new dictionary called synonyms_dic
          synonyms dic = {}
          synonyms_dic
Out[116]: {}
In [118]: #Q11 Add the synonyms of the following words to your dictionary
          #Bad, Good, Awesome, Cold, Easy, Hard, Big, Small
          synonyms_dic = {'Bad':'Wrong', 'Good':'Acceptable', 'Awesome':'Amazing', 'Cold':'Chilly', 'Easy':'Straighfoward',
                           'Hard': 'Difficult', 'Big': 'Huge', 'Small': 'Little'}
          synonyms_dic
Out[118]: {'Bad': 'Wrong',
            'Good': 'Acceptable',
            'Awesome': 'Amazing',
            'Cold': 'Chilly',
            'Easy': 'Straighfoward',
            'Hard': 'Difficult',
            'Big': 'Huge',
            'Small': 'Little'}
```

```
In [121]: #012 Use your dictionary to find the synonym of the following words
          # Awesome, Easy, Small, COld
          print(synonyms dic['Awesome'])
          print(synonyms_dic['Easy'])
          print(synonyms_dic['Small'])
          print(synonyms_dic['Cold'])
          Amazing
          Straighfoward
          Little
          Chilly
In [189]: #Q13 Delete everything from synonyms dic
          synonyms_dic.clear()
In [190]: #Q14 Print all values in synonyms dic
          print(synonyms_dic.values())
          dict_values([])
In [122]: #Q15 Convert the below two lists into dictionary
          Keys=["True", "False"]
          Values=[1,0]
          dict = {Keys[0]:Values[0], Keys[1]:Values[1]}
          dict
Out[122]: {'True': 1, 'False': 0}
In [123]: #Q16 Sum all the values in the following dictionary
          income={'Jan':1000,'Feb':1500,'Mar':980,'April':1000}
          sum(income.values())
Out[123]: 4480
 In [69]: #Q17 Create the following dictionary encryption={10:"hungry", 101:"am", 110:"I",
          # What should be the decryption of the following code "110 101 10 1011 110 1001 1
  In [ ]:
```