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| **Name:** | Ghiyas Zafar |
| **Registration/ID** | F2019065218 |
| **Assignment** | LIST |
| **Submitted to** | Muhammad Asad Arshed |
| **Question** | Find the sum pair of entered number from the list.  For Example,  **A= [10,20,30,40]**  **Entered Number=30**  **The Pair is = 10,20** |

**Source Code**

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| a=[10,20,30,40,50,60,70,80,90,100] x= int(input("Enter the number: ")) start = 0 end = len(a) - 1 sum=0 exist = False while (start < end):  sum = a[start] + a[end]  if(sum==x):  exist = True  break  elif(sum > x):  end -= 1  elif (sum<x):  start += 1 if(exist):  print("The num whose sum is equal to "+str(x) +" are "+ str(a[start]) +" "+ str(a[end]) + " at indexes " + str(start)+" "+str(end)) else:  print("No pair exist whose sum is "+ str(x)) |