|  |  |
| --- | --- |
| **ASSIGNMENT 2** | |
| **UGE 1176- Problem Solving and Programming in Python**  **I Year CSE B** | |
| **REGISTER NUMBER** | 185001121 |
| **NAME** | Rahul Ram.M |

|  |
| --- |
| **Q.No.17**   1. **Compute the average of best of two of three assignment marks:** |
| **Source code:**  n=3  a=[]  for i in range (0,3):  ele=int(input('Enter the {}th mark='.format(i+1)))  a.append(ele)  if a[0]>=a[1]:  x=a[0]  z=a[1]  else:  x=a[1]  z=a[0]  if a[2]>=z:  y=a[2]  else:  y=z  avmark=(x+y)/2  print('The average mark of best two marks:',avmark) |
| **Output:**  Enter the 1th mark=45  Enter the 2th mark=46  Enter the 3th mark=48  The average mark of best two marks:47.0 |

|  |
| --- |
| **Q.No.18**   1. **Reverse the member of a given list:** |
| **Source code**:  n=int(input('enter the number of members='))  a=[]  for i in range (0,n):  ele=int(input('Enter the {}th member='.format(i+1)))  a.append(ele)  print(a)  b=[]  for i in range (0,n):  b.append([0])  for i in range (0,n):  x=a[n-1-i]  b[i]=x  print('The reversed list is=',b) |
| **Output:**  Enter the number of members:4  Enter the 1th member=1  Enter the 2th member=2  Enter the 3th member=3  Enter the 4th member=4  [1,2,3,4]  The reversed list is=[4,3,2,1] |