Solutions –

1 -

ls1 = [1, 2, 3, 4, 5]

ls2 = [11, 22, 33, 44, 55]

ls3 = []

for i in range(len(ls1)):

ls3.append(ls1[i]\*ls2[i])

print(sum(ls3))

2 –

ls\_students = [(1, 50), (2, 60), (3, 70), (4, 85), (5, 12), (6, 13), (7, 90), (8, 11), (9, 54), (10, 35), (11, 65), (12, 21), (13, 31), (14, 99), (15, 2)]  
ls\_students2 = []  
for i in ls\_students:  
 if i[1] < 30:  
 ls\_students2.append((i[0], i[1], 'F'))  
 elif i[1] < 50:  
 ls\_students2.append((i[0], i[1], 'E'))  
 elif i[1] < 60:  
 ls\_students2.append((i[0], i[1], 'D'))  
 elif i[1] < 70:  
 ls\_students2.append((i[0], i[1], 'C'))  
 elif i[1] < 85:  
 ls\_students2.append((i[0], i[1], 'B'))  
 elif i[1] <= 100:  
 ls\_students2.append((i[0], i[1], 'A'))  
print(ls\_students2)  
largest = 0  
smallest = 100  
total = 0  
for i in ls\_students:  
 if int(i[1]) > largest:  
 largest = int(i[1])  
 if int(i[1]) < smallest:  
 smallest = int(i[1])  
 total = total + int(i[1])  
print(largest)  
print(smallest)  
print(total/len(ls\_students))