

prob1.py

```
1  mylist=["food item id","food item name","description","price","category"]
2  mylist2=["lastname,email,phonenumner"]
3  i=0
4  mylist.append("avaibility")
5  mylist.insert(2,"firstname")
6  mylist.extend(mylist2)
7  dict={"hyundai":"creta","tata":"nexon","suzuki":"swift"}
8  mylist.append(dict)
9  for i in range(0,len(mylist)):
10     print(mylist[i])
```

prob2.py

```
1  mylist=[2,5,8,8,11,1,0]
2  i=0
3  sum=0
4  a=len(mylist)
5  temp=mylist[0]
6  mylist[0]=mylist[a-1]
7  mylist[a-1]=temp
8  for i in range(0,len(mylist)):
9      print(mylist[i])
```

prob3.py

```
1  mylist=[2,5,8,8,11,1,0]
2  i=0
3  sum=0
4  for i in range(0,len(mylist)):
5      sum=sum+mylist[i]
6  print("sum is",sum)
```

prob4.py

```
1  mylist=[2,5,8,8,11,1,0]
2  mylist.sort()
3  print("the smallest number is ",mylist[0])
```

prob5.py

```
1 dict={"ram":22,"shyam":20,"sonu":18,"mohan":11}  
2 a=sorted(dict.keys())  
3 print(a)
```

prob6.py

```
1 dict={"ram":22,"shyam":20,"sonu":18,"mohan":11}
2 sum = 0
3 for keys in dict:
4     sum += dict[keys]
5
6 print("the sum values is",sum)
```

prob7.py

```
1 dict = {"num1": 4, "num2": 100, "num3": 2, "num4": 1}
2
3 sort = sorted(dict.items(), key = lambda x: x[1], reverse=True)
4
5 print(sort)
```