**Task - List of mobiles and model year**

def main():  
 n = 0  
 mobiles = {}  
 while n < 3:  
 brand = input(**"Enter the brand:"**)  
 year = input(**"Enter the model year:"**)  
 mobiles[brand] = year  
 n+=1  
 print(**"brand"** + **"**\t\t**"** + **"year"**)  
 for item in mobiles:  
 print(item + **"--->"** + mobiles[item])  
  
 *#To print the keys of the dictionary* for model in mobiles.keys():  
 print(model)  
  
 *# To print the values of the dictionary* for year in mobiles.values():  
 print(year)  
  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()

**Task – 10 students mark reading and printing using while loop**

def main():  
 n = 0  
 records = {}  
 while n < 3:  
 student = input(**"Enter the student name:"**)  
 mark = input(**"Enter the mark:"**)  
 n += 1  
 records[student]= mark  
 print(records)  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()

**Task – 10 students mark reading and printing using for loop**

def main():  
 records = {}  
 for i in range(10):  
 student = input(**"Enter the student name:"**)  
 mark = input(**"Enter the mark:"**)  
 records[student]= mark  
 print(records)  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()

**Task – Input numbers and add to list and find average**

def main():  
 numbers = []  
 for i in range(5):  
 number = input(**"Enter the number:"**)  
 numbers.append(number)  
 print(numbers)  
 total = 0  
 for element in range(0, len(numbers)):  
 total = total + int(numbers[element])  
 print(total)  
 print(**"average is "** + str((total/len(numbers))))  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()

**Task – Numbers in tuple and find average.**

*#Tuples are immutable. So we can't append elements to it*

def main():  
 numbers = (1,2,3,4,5)  
 total = 0  
 for element in range(0, len(numbers)):  
 total = total + int(numbers[element])  
 print(total)  
 print(**"average is "** + str((total/len(numbers))))  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()

**Task – Find the min and max value of numbers in tuple.**

def main():  
 numbers = (101,200,33,415,65)  
 minvalue = numbers[0]  
 for element in range(1, len(numbers)):  
 if(numbers[element] < minvalue):  
 minvalue = numbers[element]  
 print(**"Min value is "** + str(minvalue))  
  
 maxvalue = numbers[0]  
 for element in range(1, len(numbers)):  
 if (numbers[element] > maxvalue):  
 maxvalue = numbers[element]  
 print(**"Max value is "** + str(maxvalue))  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()

**Task – Find the min and max value of numbers in list.**

def main():  
 numbers = []  
 for i in range(5):  
 number = input(**"Enter the number:"**)  
 numbers.append(number)  
 print(numbers)  
  
 minvalue = numbers[0]  
  
 for element in range(0, len(numbers)):  
 if (numbers[element] < minvalue):  
 minvalue = numbers[element]  
 print(minvalue)  
 print(element)  
 print(**"Min value is "** + str(minvalue))  
if \_\_name\_\_ == **"\_\_main\_\_"**:  
 main()