Task 1

infile = open(**"file1.txt"**,**'r'**)  
  
x=[]  
count = 0  
line = infile.readline()  
**while** line != **""**:  
 **for** xStr **in** line.split(**" "**):  
 x.append(xStr)  
 count = count + 1  
 line = infile.readline()  
x1 = str(x)  
*#print(x)***def** word\_count(str1):  
 co = dict()  
 wo = str1.split()  
  
 **for** word **in** wo:  
 **if** word **in** co:  
 co[word] += 1  
 **else**:  
 co[word] = 1  
  
 **return** co  
  
print(word\_count(x1))

*Task 2*

*#str1\_list = ['j','d','j','o','d','o','k','p','w','s','u','v','h','u','b','x']  
#alpha1 = ['a','b','c','d','e','f','g','h','i','j','k','l','m','n','o','p','q','r','s','t','u','v','w','x','y','z','a','b','z']  
#str1 = ('abcdefghijklmnopqrstuvwxyz')***while True**:  
 str1= input(**"Enter the string: type Q or q to quit the program : "**)  
 **if** str1 == **"q" or** str1 == **"Q"**:  
 quit()  
 **else**:  
 alpha = [**'a'**,**'b'**,**'c'**,**'d'**,**'e'**,**'f'**,**'g'**,**'h'**,**'i'**,**'j'**,**'k'**,**'l'**,**'m'**,**'n'**,**'o'**,**'p'**,**'q'**,**'r'**,**'s'**,**'t'**,**'u'**,**'v'**,**'w'**,**'x'**,**'y'**,**'z'**]  
 al = 0  
 **for** i **in** range(len(alpha)):  
 s1 = alpha[i]  
 **if** str1.count(s1) > 0:  
 al = al+1  
 **if** al == 26:  
 print(**"The String contain all the letters"**)  
 **else**:  
 print(**"String does not have all the letters"**)

Task 3

**import** math  
**for** i **in** range(700,1700):  
 **if** (i%5) == 0:  
 **if** (i%2) == 0:  
 print(**"%d is divisible by 5 and multiple of 2"**%i)