Задание 1

m = ['круг', 0.25, 'квадрат', 'треугольник', 15, 'круг', 'овал', '10']  
print (m)  
m.remove(0.25)  
m.remove(15)  
m.remove ('10')  
print (m)

Задание 2

abc = ['A', 'B', 'C', 'D', 'E', 'F', 'G']  
del abc[1:5]  
print (abc)

Задание 3

numbers = [1, 4]  
print (numbers)  
numbers.insert(1, 2)  
numbers.insert(2, 3)  
print (numbers)

Задание 4

mass = [14, -6, 3, 11, 6, 8.5, 99, -20, -6, 10, 40, 0.25, -4, 5]  
mass.remove(-6)  
mass.remove(-20)  
mass.remove (-4)  
mass.remove(-6)  
mass.sort()  
print (mass)  
mass.sort (reverse=True)  
print (mass)

Задание 5

print ("Ввидидте кол-во чисел")  
number = int(input())  
zero\_list = []  
p\_list = []  
n\_list =[]  
for a in range(0, number):  
 print ('Введите числа')  
 n = float(input(''))  
 if n>0:  
 p\_list.append (n)  
 elif n<0:  
 n\_list.append (n)  
 else:  
 n = "\*"  
 zero\_list.append(n)  
sum\_n = sum(n\_list)  
average\_p = sum(p\_list) / len(p\_list)  
print({sum\_n})  
print({average\_p})  
print({len(zero\_list)})  
print(zero\_list)