

**ATOMIC ENERGY CENTRAL SCHOOL , ANUPURAM**  
**WORKSHEET-4 , Module-4**

**Sub: Computer Science**

**Class : XII**

**Topic : PYTHON LIST**

**Date: \_\_\_\_\_**

**Name: \_\_\_\_\_**

**Roll No.: \_\_\_\_\_**

**Total Marks :20**

**Marks Obtained: \_\_\_\_\_**

1. Write a Python program to count frequency of a given element in a list of numbers.(2)
2. Write a Python program to search for an element in a given list of numbers.(2)
3. Write a Python program to find minimum element from a list of elements along with its index in the list.(2)
4. Write a program to print lower triangular matrix using list.(3)
5. Write a program to find sum of rows and columns of the 3x3 matrix.(3)
6. Write a program to input any two matrices and print product of matrices.(3)
7. Write a program to calculate and display the sum of all the odd numbers in the list.(2)
8. Find the output of following code.(3)

`def lists():`

`L1=L2=L3=[]`

`for i in range(1,10):`

`L1.append(i)`

`for i in range(10,1,-2):`

`L2.append(i)`

`for i in range(len(L[1])):`

`L3.append(L1[i]+L2[i])`

`print(L1)`

`print(L2)`

`print(L3)`

`lists()`

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