Questions,18jan,2022

1.Write a Python Function to find factorial of given number with recursion.?

2. Write a function to take number as input and print its square value?

3.Write a program to enter name and percentage marks in a dictionary and display information on the screen??

4. Write a program to print different vowels present in the given word?

5. write a program using generator to print the numbers which can be divisible by 5 and 7 between 0 and n in comma separated form while n is input by console.

6.Write a program to solve a classic puzzle:
We count 35 heads and 94 legs among the chickens and rabbits in a farm. How many rabbits and how many chickens do we have?

7.With two given lists [1,3,6,78,35,55] and [12,24,35,24,88,120,155], write a program to make a list whose elements are intersection of the above given list?

8.write a binary search function which searches an item in a sorted list. The function should return the index of element to be searched in the list ?

9.Define a function which can generate a list where the values are square of numbers between 1 and 20 (both included). Then the function needs to print the last 5 elements in the list.

10.Write a program to generate and print another tuple whose values are even numbers in the given tuple (1,2,3,4,5,6,7,8,9,10).