Q1. Create three lists, one with rollno of 5 student, second with names of 5 students, and third with marks of 5 students. Join the lists in a sequence one after the other.

Q2. Build two lists having prime nos in one list and not prime in other list after prompting the user for the start and end numbers between which prime numbers are to be found.

Q3.Create a list of 10 numbers having some repetitive numbers. Extract unique items from a list and into a new list.

Q4.Take a list with 10 numbers. Insert 12 and 20 at 3rd and 7th position. Sort the list, then reverse and print.

Q5. Enter three numbers in a list and print all its permutations. Eg 1, 2, 3 should display

123, 132, 231, 213, 312, 321

Hint : Use thee nested loops

Q6. Create a list, backwards , and set it equal to the result of going backwards by a step of 5

through a list mylist having 17.

Q7. build a list with 10 numbers & print the largest number.

Q8. Print the largest no in a list. Also print the largest even and largest odd number in a list

Q8. Merge two lists and then sort them.

Q10. Sort the list according to the second element in the sublist, if the second element of the first sublist is greater than the second element of the second sublist, exchange the entire sublis

Eg list is a=[['A',34],['B',21],['C',26], [‘X’, 12]]

Q11. Generate random numbers from 1 to 2000 and append them to the list. Use library random.

Q12. Swap the first and last value of a list

Q13. Given the list

mylist =[[90,89,78 , "tina"], [99,89,78

, "hina"], [98,89,78 , "meena"], [91,88,78 , "rahul"],

[90,89,78 , "rita"]], print the percentage of each student (out of 300) and store in a new list with name.

Q14.Write a function seeklist which accepts a list and an element to seek in the list. If not found return None.

Q15. Perform binary search on a list.