**ITT Problems**

Zoho Questions

1. Get a 3-digit or 2-digit no and find reverse the given no and add it with the same no. Check whether it is a palindrome. If it is a palindrome, terminate the process or else take the sum as the input and repeat the same process until a palindrome is obtained. And terminate the program if the palindrome is not obtained in 5 steps.

Eg: **Input**:27

27+72=99

**Output :** It is a palindrome

1. Assume ‘n’ taxi’s available and distance between two consecutive point is 15km. A linear path

A B C D E F is available and time taken to travel between adjacent point is 1hr. Initially all taxi’s are at point A. The customer gives pickup tie, pickup position , destination position and tax company gives taxi number allocated , reaching time.

**Cost :** for 1st 5km : Rs. 500 and for subsequent kms : Rs. 10

Write a program to (a) find travel history of each taxi car (b) If more than one taxi are available then one who earned less is allotted (c) If no taxi is available then print rejected.

1. Given an integer n, form a number triangle.

Example : if n = 5,

output:

0

5 0 5

4 5 0 5 4

3 4 5 0 5 4 3

2 3 4 5 0 5 4 3 2

1 2 3 4 5 0 5 4 3 2 1