**Divisibility by 11:**  
How to check a number is divisible by 11?   
It is very simple, check the number, if the difference of the sum of digits at odd places and the sum of its digits at even places, is either 0 or divisible by 11, then clearly the number is divisible by 11.  
  
**Examples:**  
Is the number 2547039 divisible by 11?  
First find the difference between sum of its digits at odd and even places.  
(Sum of digits at odd places) - (Sum of digits at even places)  
= (9 + 0 + 4 + 2) - (3 + 7 + 5)  
= 15 - 15 = 0  
The number is 0, so the number 2547039 is divisible by 11.  
  
Is the number 13165648 divisible by 11?  
(Sum of digits at odd places) - (Sum of digits at even places)  
= (8 + 6 + 6 + 3) - (4 + 5 + 1 + 1)  
= 23 - 11 = 12  
The number is 12, so the number 13165648 is not divisible by 11.