

## Python Question Set 4

1. WAP in python to check, whether a given input is a palindrome or not.
2. WAP in python to find the factorial of a number.
3. WAP in python to count the number of digits of a given input integer.
4. WAP in python to reverse an input integer. (use logical method. Not string reverse method)
5. WAP in python to swap two numbers with third variable.
6. WAP in python to swap two numbers without third variable.
7. WAP in python to solve a quadratic equation.
8. WAP in python to check a year is leap year or not.
9. WAP in python to print the multiplication table of any given integer input.
10. WAP in python to find the LCM of two integers.
11. WAP in python to find the LCM of more than two integers.
12. WAP in python to find the HCF of two integers.
13. WAP in python to find the HCF of more than two integers.
14. WAP in python to display the hostname of a computer.
15. WAP in python to display the current time and date using **os** module.
16. WAP in python to check if a given input has zero in it or not.
17. WAP in python to find the area of a circle whose radii is a user input.
18. WAP in python to print the most repeated element of a list.
19. WAP in python to display the name from a given email id.
20. WAP in python to replace the integers of a list with the square of that element. You cannot use another list. For example: if the list is [2,3,4,5], then the output will be [4,9,16,25].