

## Sample Questions

1. WAP with Parent class as Shape and derive a class Circle, Rectangle considering area() as function which can be overloaded and overridden.
2. WAP to represent a multiple inheritance by calculating salary of employee where there is a class employee which implements interface Attendance, interface salarydetail.
3. WAP to implement an example that represent all in built exceptions
  - a)Arithmetic
  - b)Number Format
  - c)Array Index out of Bound
  - d)etc
4. WAP to implement user defined exception when
  - i )Incorrect password entered
  - ii)number not found in a list , is not a palindrome
5. WAP to implement Multithreading where one thread is printing Hello and other is printing CDAC Mumbai
6. WAP to implement one thread that print random number and second thread that print fibo series.
7. WAP to illustrate synchronise method and block in multithreading.
8. WAP to print /get/set priority of threads with an example, also for main method.

## String

1. Reverse the string
2. Anagram string
3. Count duplicate character
4. Print uppercase & lowercase letters
5. Palindrome String
6. Repeated & non-repeated character
7. Find repeated word in file
8. Reverse words of string object
9. Count the number of vowels
10. Count number of words in string
11. Display vowel, digits & blank spaces