

Basic Programming (Set 3)

1. Method which will accept Integer parameter and print Fibonacci series upto that number
2. Method to reverse the string
3. Method which will accept Integer parameter and print Fibonacci series upto that number
4. Method which will accept String as Parameter and performs following operations :
String : 'Welcome to @pex Programming'
 - a. Replace the occurrences of '@' with A and print it
 - b. Print the substring 'Apex Programming'
 - c. Split the String using space and print the result
 - d. Remove the spaces in the String and Print the result
 - e. Convert the string to the upper case and print the result
 - f. Convert the string to the lower case and print the result
5. Accept a string as a parameter and count the occurrence of every character in it

OOPS Concepts (Set 3)

1. Write a static method in a class and call it from another (nonstatic) class
2. Write a void method having non static declaration to debug/ print 'Hello World'
3. Declare the variables non static and identify the result
4. Implement an abstract method
5. Override the abstract method created above
6. State the basic difference between an interface and an abstract class (common for every group)

Advanced concepts / Collections/SOQL Queries/DML Operations (Set 3)

1. Query on All Contact records & add all to the List and print that list.
2. Write a Method which find all the associated contact records of the Account and Print it
3. Create a Account , Contact, Lead , Opportunity record through DML operations.
4. Write a SOQL Query to show Parent Child relationship and print the result.
(for example : Account is parent and Contact is child. Then Query on Account)
5. Write a SOQL query to retrieve/print the User records where Active = true. Prepare the Map having User Id as key and User record as value

(Hint : Map<Id,User>)

6. Prepare the Following Map Structures :

- a. AccountName as key and AccountId as Value
- b. AccountId as key Entire Account object as Value

7. Demonstrate the usage of Database.query and Database.search methods

8. State the difference between Database methods for DML and basic DML statements