Practice programming questions from here> [http://houseofbots.com/news-detail/3623-4-50-data-structure-algorithms-and-programming-languages-interview-questions-for-programmers](https://apac01.safelinks.protection.outlook.com/?url=http%3A%2F%2Fhouseofbots.com%2Fnews-detail%2F3623-4-50-data-structure-algorithms-and-programming-languages-interview-questions-for-programmers&data=02%7C01%7C%7C3330b22631f445be00f808d6851b658e%7C707118c965c045b3a43533efe37cf0cc%7C0%7C0%7C636842750034450627&sdata=CsqC0yc5C6onSc6Q1g0xCpG1Qpu%2BmnpvUuaaUJ4pq34%3D&reserved=0)

Following are the set of questions and programming examples asked so far in Cambia client screening.

Recent interview questions:

1.       About my experience

2.       Difference between SP and IDP

3.       Most challenging production issue

4.       Discussion on Splunk – Log management

5.       Roles and Responsibility in project

6.       JMS (point to point communication)

7.       Spring Web services

8.       Project Deployment cycle

9.       Challenges face in the project

10.   SSO

Recent Programing Question:

         Programming Question – Find the least number of perfect squares that sum to n

         Print the highest number formation from given array of integer.

        E.g.  Input :  {3,30,8,5,2}  , Output = 853032

Programing Question asked during past interviews

* Program- string reverse without using collections
* Programming Question -  ArrayList implementation in core java without using any collections? It’s get(), add() and remove() method implementation/pseudo-code.
* Program – filter out duplicate from array of integers sorted in ascending order for eg. [1,3,3,5,6,7,7,7,10] without using collections
* Write a program for Fibonacci using recursion.

Questions asked during past interviews

* What kind of operations we can perform in REST API.
* What are the different Status codes used in REST API.
* If we have a complex web app to automate what will be your approach related to framework level and technology.
* What is polymorphism?
* Difference between String, StringBuffer and StringBuilder.
* DDL and DML
* Difference between Universal and UniversalAll in database.
* REST- which library you used and Why?
* Roles and responsibility into project
* Brief about your experience and projects you have worked in.
* What Web Services you are aware of ?
* SOAP vs REST ? why REST ?
* Any critical web application you implemented/challenges faced while implementing it?
* How will you handle User Session, (User Session Management Techniques).
* Are you familiar with AJAX, JQuery ?
* What is Memory Leak ? How will you avoid Memory Leak issues?
* What is thread-safety ?
* Brief about your technical experience and past interesting project
* Is Struts2 Action class threadsafe?
* Advantage of Spring MVC over Struts2
* Issues faced in previous web application
* Programming question: Remove duplicate elements from sorted array
* Architecture of previous web application
* Any idea about CMS? – content management system
* Any idea about messaging center?
* What will you do if any conflict arises in your team?
* How will manage time gap between us and you?
* What was role in your previous project and technologies used
* What is SSO and how do you implement
* Write a program of Fibonacci series
* Explain inner and outer join in sql
* How do you  manage user session
* Did you came across memory leak in any projects
* What is Garbage collection ? How do you force explicitly? How do you prevent it
* What is Content Management System
* Difference between Struts 1 and Struts 2
* Is Action class in Struts thread safe
* Difference b/w Spring4.0 and 3.0
* Diff b/w HashMap and Hashtable ?
* Default scope of spring bean
* Write a program to reverse an integer without string and array or any collections
* Analytical question : you have 8 balls and 1 scale, one ball is heavier ,so you have to find that heavier ball in minimum time
* how do you manage user session ?
* Do you know messaging centre? – Please read thru various topology of messaging and how it is centrally controlled.
* What is your interesting project and why?
* What value addition you brought in in your role to this project.
* What was role in your previous project and technologies used
* What is SSO and how do you implement
* Write a program of Fibonacci series
* Explain inner and outer join in sql
* How do you  manage user session
* Did you came across memory leak in any projects
* What is Garbage collection ? How do you force explicitly? How do you prevent it
* What is Content Management System
* Is Action class in Struts thread safe