Nokia Interview Questions (Ramit)

1st panel

1) Explain different types of variables in C
2) Write a program to count the number of bit set in 55 using shift operator.
3) Write a program to find out the middle element of the linked list (optimised code)
4) Declare a string "Hello world" and retrieve it using pointers
5) What is final, finally and finalised in Java
6) What is difference between Mutex and Volatile
7) You have two ropes each of them burn at different rate but each gets burnt fully in an hour. You have to measure 45 min how will you do it.
8) Explain the collection API in Java
9) What is unsigned character in C & its range.
10) Differance between HashMap & HashTable.
11) What is static and dynamic Polymorphism (with example)
12) How is memory management done in C++ as compared to Java.
13) Where are objects stored in C++ and Java
14) What is a thread ?
15) What is context switching in threading.
16) What are different types of datatypes in Java
17) What are the memory required to store different type of data types in C.
18) Tell me about your project and what was your role in that.

IInd Panel

1) You have abc.txt file. Write a program to read and write in that file using Java
2) Explain the steps required to connect to a database using JDBC
3) What are the Exception thrown by JDBC
4) How would you make a method to be a thread safe.
5) Why should Nokia Here hire you
6) What you want to be in your life
7) What are your strengths & Hobbies
8) What have you learnt from this experience of an interview

NOKIA HERE

About NOKIA HERE:

HERE is a global leader in the mapping and location intelligence business. Rooted in almost three decades of experience in cartography, our vision is simple: offer the world's best maps and location experiences across multiple screens and operating systems. We want to help people navigate their lives with ease and confidence every day and everywhere. We believe that giving people a better and deeper sense of location will be essential to live a modern urbanized life.

Their maps can be found in four out of five cars in North America and Europe with integrated in-dash navigation. In 2013, more than 10 million new cars were sold with our maps on board. We also power mobile devices, connected devices and enterprise solutions. We offer maps for 196 countries, voice guided navigation in 97 countries in more than 50 languages and live traffic information for 41 countries.

Major Activities:

They are building the world's leading location cloud, which connects a broad range of devices and software with intelligent maps to better serve
our consumer, automotive and enterprise customers.

Research Activities:

At Nokia, we're excited by where technology will lead us. We believe that over the next ten years, billions of connected devices will converge into intelligent and programmable systems that will have the potential to improve lives in a vast number of areas.

Today, most humans are connected. Now, we are quickly entering a totally new phase; a phase that is all about connecting things in addition to people. By 2025, we believe there will be more than 50 billion connected things in the form of devices, modules and sensors.
In time, all these connected things will come together in extraordinary ways. Software will be the glue, analytics and intelligence will bring meaning, and automated action will bring simplicity and efficiency.

Achievements:

Almost all, around 97% of our employees completed the Ethical Business Training
This annual training demonstrates how our Code of Conduct can be applied to real-life scenarios, addressing issues such as ethics in the workplace, fair competition and anti-trust, trade compliance, privacy, bribery and corruption, gifts, entertainment and hospitality, conflicts of interest, human rights, environment, equal opportunity, discrimination and harassment.
Our employees believe in the future of the company and see Nokia as a place where they can

develop. Despite significant change and restructuring, our Employee Engagement Survey indicated

that our employees believe in the future of the company and its strategy, and see it as a place

where they can develop.

The Nokia Security Center opened its doors in Berlin

We opened the Nokia Security Center in Berlin, which is a hub of leading expertise focused on creating robust telecommunications security solutions. The Center will give an insight into the wide range of threats and help mobile operators protect their network infrastructure, services and users.

Bhagyashri M.

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* JOIN Query
* Arraylist, linked list
* Program for calculating area in which you have to check if the no is integer then only calculate else throw exception
* String Program using exception
* Some Programs with changing output
* OOPS pillars
* String Program with exception
* Exception hierarchy
* Trigger & eg
* package
* View
* Collection hierarchy & all basics of collection.
* Threading