**ASSIGNMENT 6**

1) If the exception is not in arithmetic exception, then how to catch that exception?

- If the exception is not arithmetic exception, then in catch, we can give generic exception inside catch statement.

2) What languages do u need to learn as a Android developer?

- Java

Kotlin

C++

C#

JavaScript

3) What is cloud?

- Cloud computing is the on-demand availability of computer system resources, especially data storage and computing power,

without direct active management by the user.

Cloud computing platform from amazon is Amazon Elastic Compute Cloud

Cloud computing from Microsoft is Azure

4) What is HTML, CSS, JavaScript?

- HTML : The Hypertext Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser.

CSS : Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML.

JavaScript : JavaScript, often abbreviated JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS.

5) Difference between Java and JavaScript?

- Java is a programming language whereas JavaScript is a Scripting Language.

Java is an Object-oriented Language whereas JavaScript is an Object based language.

Java is a standalone language whereas JavaScript must be integrated with HTML.

Java must be compiled whereas JavaScript has to be integrated with HTML.

Java require high memory whereas JavaScript require very less memory.

6) What info are present in the header when you hit google.com.

- The headers contain timestamps, IP addresses and sender/recipient information.

7) What is cookie?

- Cookies are small blocks of data created by a web server while a user is browsing a website and placed on the user's computer or another device by the user's web browser.

8) How are you getting the information in Google without even login in?

- When you don’t login to your google account, google considers you as a guest and gives you the result.

9) If JavaScript can do frontend, then why react and angular?

- They make JavaScript coding easier.

They are extremely competent.

They have excellent cross platform support.

They handles dependencies.

They provide excellent developer tools.

They are easy to adopt.

10) Understand What is react and angular?

- React : React is a free and open-source front-end JavaScript library for building user interfaces based on UI components.

Angular : AngularJS was a JavaScript-based open-source front-end web framework for developing single-page applications.

11) What is Hibernate ORM?

- Hibernate ORM is an object–relational mapping tool for the Java programming language. It provides a framework for mapping an

object-oriented domain model to a relational database.

12) What are the keywords used for class to class and class to interface and interface to interface?

- Class to Class : extends.

Class to interface : implements.

interface to interface : extends.

13) What is the default access for the variables and function define in Java 7?

- Java will set a default access to a given class, method or property. The default access modifier is also called

package-private, which means that all members are visible within the same package but aren't accessible from other packages.

14) How many types of file format is there?

- Image files : JPEG/JPG, GIF, SVG, PNG, TIFF/TIF.

Document files : PDF, DOC/DOCX, HTML/HTM, XLS/XLSX, TXT.

Video files : MP4, AVI, MOV, FLV, AVCHD.

Presentation files : PPT/PPTX, ODP, KEY.

Audio files : M4A, MP3, WAV.

15) Example of RDBMS and non-RDBMS?

- RDBMS: SQL database examples: MySql, Oracle, Sqlite, Postgres and MS-SQL. NoSQL database examples: MongoDB, BigTable, Redis, RavenDb, Cassandra, Hbase, Neo4j and CouchDb.

non-RDBMS: NoSQL or non-relational databases examples: MongoDB, Apache Cassandra, Redis, Couchbase and Apache HBase.

16) Does python have a support to db2?

- You can connect to dbms from python through catalogued or uncatalogued connection.

17) Difference between Spring framework and spring boot?

- Spring Framework is a widely used Java EE framework for building applications whereas Spring Boot Framework is widely

used to develop REST APIs.

Spring aims to simplify Java EE development that makes developers more productive whereas Spring boot aims to

shorten the code length and provide the easiest way to develop Web Applications.

To test the Spring project, we need to set up the sever explicitly whereas Spring Boot offers embedded server such as

Jetty and Tomcat, etc.

18) Difference Between Linux OS and windows OS?

- Linux is a open source operating system whereas windows is not a open source system.

Linux is free of cost whereas Windows is very costly system.

Linux's file system is case sensitive whereas Windows' file system is file insensitive.

In Linux, monolithic kernel is used whereas in windows, micro kernel is used

Linux is more efficient when compared to windows.

Linux provides more security than windows.