INTERVIEW QUESTION APPSECONNECT

1. Self introduction

2.diff between python and Java

Ans:Python is Interpreted programming language, in which program can be run using a Python interpreter. Java is a compiled language. The compiled code is converted to bytecode and can be run on any platform that has Java Virtual Machine (JVM).

3.features of python and Java

Ans:python Features and Advantages

Easy to Code. Python is a very high-level programming language, yet it is effortless to learn. ...

Easy to Read. Python code looks like simple English words. ...

Free and Open-Source. ...

Robust Standard Library. ...

Interpreted. ...

Portable. ...Object Oriented. In Java, everything is an Object. ...

Platform Independent. ...

Simple. ...

Secure. ...

Architecture-neutral. ...

Portable. ...

Robust. ...

Multithreaded.

And:

Object-Oriented and Procedure-Oriented. ...

Extensible.

4.use of stdio.h

ANS:  The header file stdio. h stands for **Standard Input Output**. It has the information related to input/output functions.

5.any course will done after btech

ANS: YES

6.about family

ANS: I am belongs to large family my father name is rama krishna and my mother name is adhi Lakshmi and I have a three sisters my sisters names is srilakshmi,Sunitha,swathi and I belongs to middle class family my father is farmer and my mother is house wife my sister are married

7. Is Java a purely object oriented programming language

ANS:java language is not a purely object programming language because it has a two reasons one is object oriented programming language should have only objects whereas java contains 8 primitive data types like char,Boolean,byte,short,int,long,float,double this are not objects and another reason is a static keyword is used in object oriented language but java contains static variables and methods.

8.any questions

9.intermediate course

ANS:intermediate courses are issued by govt These Courses are followed by prestigious State level Entrance Tests for admission to the various Degree Colleges offering Professional or general education

10.do you know reasoning

ANS : yes sir

11.how to compile python and Java programs

ANS: PYTHON

Compilation − **The source code in python is saved as a .** **py file which is then compiled into a format known as byte code, byte code is then converted to machine code**. After the compilation, the code is stored in . pyc files and is regenerated when the source is updated

JAVA

Open a command prompt window and go to the directory where you saved the java program (MyFirstJavaProgram.java). Assume it's C:\. **Type 'javac MyFirstJavaProgram.java' and press enter to compile your code**

12.About company APPSCONNECT

APPSeCONNECT is an iPaaS solution for the next generation of businesses. The unique architecture of this platform supports the principal processes of businesses applications by integrating Cloud platfroms, SaaS applications and on-premise systems. This solution helps businesses to take advantage of their existing systems, resources, along with their technologies and data. Moreover, it optimises your business operations, which in turn increases efficiency and productivity of enterprises.

**Key benefits of using APPSeCONNECT**

Real Time Business Process Integration  
Secure Two-way Data Synchronization  
Workflow-based Orchestration

13. difference between set and dic

A set also refers to a data structure of the non-homogenous type, but it stores various elements in a single row. A dictionary also refers to a data structure of the non-homogenous type that functions to store key-value pairs. It allows various duplicate elements. It allows various duplicate elements.

3 about project

4 list

ANS:  Lists are **used to store multiple items in a single variable**. Lists are one of 4 built-in data types in Python used to store collections of data, the other 3 are Tuple, Set, and Dictionary, all with different qualities and usage.

5 what is service now

ANS ServiceNow is **a cloud based platform toolset that enables an organization to automate and consolidate a wide number of requests, processes, services and workflows across business domains**, meaning that you can use the ServiceNow platform for your IT, HR, Facilities and so on.

ANS: ServiceNow is **a cloud-based company that provides software as a service (SaaS) for technical management support**. The company specializes in IT services ...

6 datatype

Data types are the classification or categorization of data items. It represents the kind of value that tells what operations can be performed on a particular data. Since everything is an object in Python programming, data types are actually classes and variables are instance (object) of these classes.

|  |  |
| --- | --- |
| Text Type: | str |
| Numeric Types: | int, float, complex |
| Sequence Types: | list, tuple, range |
| Mapping Type: | dict |
| Set Types: | set, frozenset |
| Boolean Type: | bool |
| Binary Types: | bytes, bytearray, memoryview |
| None Type: | NoneType |

7 join and inner join IN SQL

ANS: **JOIN returns all rows from tables where the key record of one table is equal to the key records of another table.** The INNER JOIN selects all rows from both participating tables as long as there is a match between the columns.

8 primary key

ANS: A primary key is **the column or columns that contain values that uniquely identify each row in a table**. A database table must have a primary key for Optim to insert, update, restore, or delete data from a database table.

9 commands IN PYTHON

ANS:

The definition of a command is **an order**  An example of command is a dog owner telling their dog to sit

10 calculator program

# Program make a simple calculator

# This function adds two numbers

def add(x, y):

return x + y

# This function subtracts two numbers

def subtract(x, y):

return x - y

# This function multiplies two numbers

def multiply(x, y):

return x \* y

# This function divides two numbers

def divide(x, y):

return x / y

print("Select operation.")

print("1.Add")

print("2.Subtract")

print("3.Multiply")

print("4.Divide")

while True:

# take input from the user

choice = input("Enter choice(1/2/3/4): ")

# check if choice is one of the four options

if choice in ('1', '2', '3', '4'):

num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

if choice == '1':

print(num1, "+", num2, "=", add(num1, num2))

elif choice == '2':

print(num1, "-", num2, "=", subtract(num1, num2))

elif choice == '3':

print(num1, "\*", num2, "=", multiply(num1, num2))

elif choice == '4':

print(num1, "/", num2, "=", divide(num1, num2))

# check if user wants another calculation

# break the while loop if answer is no

next\_calculation = input("Let's do next calculation? (yes/no): ")

if next\_calculation == "no":

break

else:

print("Invalid Input")

11 tupe and list IN PYTHON

ANS: In Python, list and tuple are **a class of data structures that can store one or more objects or values**. A list is used to store multiple items in one variable and can be created using square brackets. Similarly, tuples also can store multiple items in a single variable and can be declared using parentheses.

12 any questions

1.self introduction

2.about family

3.certifications

4.your electronics background y u come to IT side

5.java & oops concepts

ANS: PYTHON

Object Oriented Programming System is **the programming technique to write programs based on the real world objects**. The states and behaviors of an object are represented as the member variables and methods. In OOPS programming programs are organized around objects and data rather than actions and logic

JAVA

The main ideas behind Java's Object-Oriented Programming, OOP concepts include **abstraction, encapsulation, inheritance and polymorphism**. Basically, Java OOP concepts let us create working methods and variables, then re-use all or part of them without compromising security

6, oops is an 100% object oriented programming

ANS: **Pure Object Oriented Language are Fully Object Oriented Language which have features which treats everything inside program as objects**. It doesn't support primitive datatype(like int, char, float, bool,

7.features of Java compare to c

**Features of Java**

* Simple.
* Object-Oriented.
* Portable.
* Platform independent.
* Secured.
* Robust.
* Architecture neutral.
* Interpreted.

8.explain Encapsulation &ex: day to day example

ANS: Encapsulation in Python **describes the concept of bundling data and methods within a single unit**. So, for example, when you create a class, it means you are implementing encapsulation. A class is an example of encapsulation as it binds all the data members (instance variables) and methods into a single unit.

Eg: driving wheel,

Encapsulation in Java is **the process by which data (variables) and the code that acts upon them (methods) are integrated as a single unit**. By encapsulating a class's variables, other classes cannot access them, and only the methods of the class can access them. \*\*\*\*\*\*\*\*\*\*\*EG: school bag , log into your gmail, capsule in medicines

9.what is polymorphism &ex

ANS: The literal meaning of polymorphism is **the condition of occurrence in different forms**. Polymorphism is a very important concept in programming. It refers to the use of a single type entity (method, operator or object) to represent different types in different scenarios.

Eg:  a person who at the same time can have different characteristics.,, **Like a man at the same time is a father, a husband, an employee**

10.In java how many codes are u write at a time

ANS: 4

11.internship

ANS

12.project

13.multithreading

What is multithreading in Python?

Multithreading refers to **concurrently executing multiple threads by rapidly switching the control of the CPU between threads** (called context switching). The Python Global Interpreter Lock limits one thread to run at a time even if the machine contains multiple processors.​

14.overloading&overriding

Method overloading allows multiple methods in the same class to have the same name but different parameters. Method overriding allows a parent class and a child class to have methods with the same name and same parameters. The child class method will override the parent class method.

15.learn about characters y it is used............?why left&right braces{} are used in programming .

It start and end points of a code block in programming structure, such as a loop, method or conditional statement.

16.black box & white box in Java

The Black Box Test is a test that only considers the external behavior of the system; the internal workings of the software is not taken into account. The White Box Test is a method used to test a software taking into consideration its internal functioning. It is carried out by testers.

17.All about basics on Java&oops concepts

18.why u choose software,you didn't try or trying any government jobs

You get to solve interesting problems

You can code your own applications

Excellent salary package

Being able to work remotely

Community, travel, and conferences

It’s a constantly evolving industry

Career progression

Competitions & challenges

19.any questions

1.Intro

2.About family

3.Learning any courses?

ANS:I am presently started a service now training and aws services

4.Features in c

5.Why c is called mid level lang

6.pointers in c

7.real life examples of pointers

8.array in c

9.Real life examples of array

10.about RDBMS

11.About dbms

12.Diff between dbms and rdbms

13.Adavantages of dbms

14.Advantages of rdbms

15.DDL in dbms

16.DTL in dbms

17.Function of DTL

18.Function of dcl

19.Functions of tcl

20.About tcl and full form

21.Commands in tcl,dcl,ddl

22.about revoke in dbms

23.Atomicity in dbms

24.durability in dbms

25.isolation in dbms

26.difference between delete and truncate commands

27.about truncate command

28.What is normalisation

29.Types of normalisation

30.What is denormalisation

31.About 1NF and 3NF

32.About Candidate key

33.About Foreign key

34.Candidate key acts as a foreign key?

1.Self Introduction

2. About Family

3.list in python

4.tuple in python

5.packages in python

6.modules in python

7.Dbms

8.Rdbms

9.DCL Command

1.Intro

2.Any certifications

3.Did u attended any interviews before

4.about ece

5.Any questions

1.Self Introduction

2.About certifications

3.About company

4.Future plan

5.What type of job you want?

6.Any questions

1.Self Introduction

2.About your Goals

3. Do you now C, Java, Python, SQL , MySQL

4.Multithreading

5 About mini project.

6.role in project.

7.About main project

8.About company

9.Any questions

1.self Introduction

2.About certifications

3.Do you now c,java,python

4.what is Data types

5.list in python

6.Tuple in python

7.modules in python

8.Any questions

[10/7, 6:23 PM] Varma Bvc: Roll number:196M1A0539

interview status: completed

Questions:

1.self intro

2.what is dcl&ddl

3.what are acid properties

4.method overloading

5.java programs you know

6.any questions

1.self intro

2.about family

3.abstract data type

4.call by value

5.call by reference

6.polymorphism

7.method over loading

8.method over riding

9.any questions

1.Self –introduction

2.About family

3.why you choosen diploma

4.what are the languages you know

5.Difference between c++ and java

6.features of C

7.why java is 100 %purely object oriented programing language

8.what is Encapsulation with life