

DEBUG WITH SHUBHAM

Accenture Technical Assessment Detailed Overview

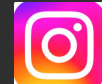
10-Oct-2024 Coding Interview Questions



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ALL SOLUTION (C++, JAVA, PYTHON) UPLOADED IN GITHUB WITH QUESTION NAME

Accenture Technical Interview Questions

Question 1:- Explain your project.

Answer:-

Talk about your final year project. Focus on your contribution to the project, what work you did, how you completed your tasks, problems you faced, etc. The interviewer will also ask about your teamwork and leadership skills from this question.

Question 2:- What is call by value and call by reference in C Programming language?

Answer:-

We can pass value to function by two different ways: call by value and call by reference.

In case of call by value, a copy of value is passed to the function, so original value is not modified in the call by value.

But in case of call by reference, an address of value is passed to the function, so original value is modified in the call by reference.

Question 3:- Why there are no global variables in Java?

Answer:-

Global variables are globally accessible. Java does not support globally accessible variables due to following reasons:

- 1)The global variables breaks the referential transparency
- 2)Global variables creates collisions in namespace

Question 4:- What is method overloading and method overriding?

Answer:-

Method overloading: When a method in a class having the same method name with different arguments is said to be method overloading.

Method overriding: When a method in a class having the same method name with same arguments is said to be method overriding.

Question 5:— What is the difference between a constructor and a method?

Answer:-

A constructor is a member function of a class that is used to create objects of that class. It has the same name as the class itself, has no return type, and is invoked using the new operator.

A method is an ordinary member function of a class. It has its own name, a return type (which may be void), and is invoked using the dot operator.

Question 6:— What is meant by Inheritance and what are its advantages?

Answer:-

Inheritance is the process of inheriting all the features from a class.

The advantages of inheritance are:-

- reusability of code
- accessibility of variables and methods of the super class by subclasses.

Question 7:— What is SQL, and why is it important?

Answer:-

SQL stands for Structured Query Language, and is the most important data processing language in use today.

It is not a complete programming language like Java or C#, but a data sublanguage used for creating and processing database data and metadata. All DBMS products today use SQL.

Question 8:— What is recursion in C?

Answer:-

Using recursion, one function can be called multiple times. This reduces the code length, reducing the overall complexity of the program.

Question 9:- Write a program to find whether a number is a prime number or not.

Answer:-

- Program in C
- Program in C++
- Program in JAVA
- Program in Python

```
num = 29
flag = 0
for i in range(2, num):
    if num % i == 0:
        flag = 1
        break
if flag == 1:
    print('Not Prime')
else:
    print("Prime")
```

Question 10:- Write a program to find the reverse of a number.

Answer:-

- Program in C
- Program in C++
- Program in JAVA
- Program in Python

```
n = 4562
rev = 0
while(n > 0):
    a = n % 10
    rev = rev * 10 + a
    n = n // 10

print(rev)
```