**All Statements Questions**

**1. What is If Else Statement, how you use it?**

In JavaScript we have the following conditional statements:

* Use if to specify a block of code to be executed, if a specified condition is true
* Use else to specify a block of code to be executed, if the same condition is false
* Use else if to specify a new condition to test, if the first condition is false
* Use switch to specify many alternative blocks of code to be executed

2)What is Nested If else Statement?

When an **if else statement** is present inside the body of another “**if**” or “**else**” then this is called **nested if else**.

**3. What are the different Access Modifiers, can you explain?**

**What are Java Access Specifiers?/Or What is the difference between public, private, protected and default Access Specifiers?OrWhat are different types of access modifiers?**

Access specifiers are keywords that determine the type of access to the member of a class. These are:  
• *Public*: accessible to all classes  
• *Protected* : accessible to the classes within the same package and any subclasses.  
• *Private*: accessible only to the class to which they belong  
• *Default :* accessible to the class to which they belong and to subclasses within the same package

4. What is different types of Data Type in Java, can you explain?

There are two **types of data types** in **Java**:

Primitive **data types**: The primitive **data types** include boolean, char, byte, short, int, long, float and double.

Non-primitive **data types**: The non-primitive **data types** include Classes, Interfaces, and Arrays.

**5. What is Java Variables?**

**6. What are the different types of Methods in Java, give example?**

**7. What is the different between Void and Return type method?**

**8. What is static method, how you call a non static method?**

**9. What is Loops in Java, can you name some?**

**10. What is a For Loop, can you tell me the syntax?**

**11. What is the different between While loop and Do-While Loop?**

**12. What is Constructor in Java, what it does?**

**13. What is default constructor?**

**14. How you Parameterized a Java class?**

**15. What is OOPs concept in Java?**

**16. What is Inheritence in Java, whats the keyword you use to do Inheritence?**

**17. What are different kind of Inheritence?**

**18. What is polymorphism, explain with example?**

**19. Whats the different of Runtime and compile time polymorphism, give a example from your last project?**

**20. Can you explain method overriding and method overloading?**

**Q:** **What restrictions are placed on the values of each case of a switch statement?**  
  
  **Ans**: During compilation, the values of each case of a switch statement must   evaluate to a value that can be promoted to an int value.  
  
 **Q:** What is the difference between a while statement and a do while statement**?**  
  
  **Ans:** A while statement checks condition at the beginning of a loop  to see whether the  loop will be execute or not. A do while statement checks at the end of  a loop to see whether the condition is right or not. The do while statement will always execute   the body of a loop at least once.  
  
**Q What is the difference between an if statement and a switch statement?**  
  
  Ans:The if statement is used to select among two   alternatives. It uses a   boolean  expression to   decide which alternative should be executed. The switch   statement is used to select among multiple   alternatives. It uses an int   expression to determine   which alternative should be executed.

**Q: How does a try statement determine which catch clause should be used to handle an exception?**  
  
  Ans:When an exception is thrown within the body of a try statement,  the catch clauses of the try statement are examined in the order in  which they appear. The first catch clause that is capable of handling  the exception is executed. The remaining catch clauses are ignored.

Control statememt—Switch

* Switch statement provides a better alternative than a large series of if -else if statements
* S.S’s executes one statements from multiple conditions.
* Keywords used in S.S.

Syntax of Switch

Switch (expression){

Case value 1:

// codes to be executed

breaks;

Case value 2:

// codes to be executed

breaks;

Case value N:

// codes to be executed

breaks;

default:

// codes to be executed