**Questions related to Threads in java:**

1. What is a thread?

2. What are the benefits of using threads?

3. How do you create a thread?

4. What is the difference between a thread and a process?

5. What is synchronization?

6. What is an interrupt?

7. What are the different states of a thread?

8. What is a daemon thread?

9. What is a deadlock in Java?

10. What is a thread pool in Java, and how is it useful in managing threads?

11.What is the difference between creating a thread by extending the Thread class and implementing the Runnable interface in Java?

12.Why we need multithread?

13.What is the main advantage of using multithreading in Java?

14.What is the join() method in Java threads, and how is it used to synchronize threads?

15.What is a race condition in multithreading, and how can it be avoided?