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Multi-threading
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Q4. WAP to show usage of Callable and demonstrate how it is different from Runnable.

Ans. In Runnable,the run() method needs to be implemented which does not return anything, while for a Callable, the call() method needs to be implemented which returns a result on completion.

2. call() can throw an exception whereas run() cannot.

3.The return type of the call() method of the interface is an Object but the run() return type is void.

Future in Callable

The Callable object returns a Future object which is being executed by a thread. The future object can be used to check the status of a Callable and then retrieve the result from the Callable once the thread is done