Difference between implementing runnable and extending thread:

Sr. No.	Key	Thread	Runnable
1	Basic	Thread is a class. It is used to create a thread	Runnable is a functional interface which is used to create a thread
2	Methods	It has multiple methods including start() and run()	It has only abstract method run()
3		Each thread creates a unique object and gets associated with it	Multiple threads share the same objects.
4	Memory	More memory required	Less memory required
5	Limitation	Multiple Inheritance is not allowed in java hence after a class extends Thread class, it can not extend any other class	If a class is implementing the runnable interface then your class can extend another class.