In Mutithreading drawbacks are

1 thread per task

And we cannot reuse threads

Run method cannot return any value

Hence in Java 1.7

A class called as ExecuteorService is add in ForkJoin function

Executer service object holds a thread pool and a waiting list of tasks

If the thread wants to return a value then use Interface Callable and override call

Every callable task value will be stored in a Future object

Sream functions

$$25,5,2,34,12,15,5,10,7$$

$$filter(num->num\%5==0)$$

$$25,5,5,5,10$$

$$3,5,2,12,7,8$$

$$map(num->num*num)$$

$$9,25,4,144,49,64$$

5,6,12,1,3,7

reduce((acc,num)->acc+num)

acc   num
5   6

11   12

23   1

24   3

27   7

34