Batch Afex:  Use: - When we want to frocess large no. If records-Asynchronous (  Now: - Large records are broken into smaller batches
Use: - When we want to process large batches bestern into smaller batches
Now: - Large records are
Types:-1> Statefull Batch Afex: Batch class execution.  Batch class maintains the State of each batch class execution.
Batch class maintains the State of
The state of the s
This means that the ability to maintain Variable Values b/w diff. batch executions
dill batch executions
and maintain keep information b/w
diff. batch executions  Lip This allows the batch class to maintain keep information blue This allows the batch class to maintain a failure occurs.  Fransactions of resume processing if a failure occurs.
Kansactions of resume maintained across Kansactions.
* So, besically a State is
* So, hasically a state so executing one logic of you need to Example: I batch job is executing one logic of you need to example: I send an Email at the end of batch job, with all and successful of failed seconds.  all successful of failed seconds.  Then, we can use Database. Stateful in class Definition.
all successful & failed records.
-> mer can use Database. Striffer
5 Batch Jobs to be Queued or Active Simutanesouly.
* SF allows 5 Batch Jobs to be Queued of Active Simutanesouly.  **J more jobs are submitted > they are held in "Flex Queue."

	* Methods:
-	Start () -> => Initializes Batch Job >> Returns the scope of seconds to be processed -> Returns the scope of seconds
	> Uses Database git usy Locator  > Called once at beginning of Batch job.
20	Frecuse () > Processes each Batch of lecords (Queried in start method)  > Called refeatedly for Chunk of Records &  > called refeatedly for Chunk of Records &  > contains logic to perform the seg. opn on records.
2 2	Finish () -> Called after all Batches have been frocessed.  -> Used for foot-processing tasks Ex7  (i) Sond email confirmation  (ii) Britating anomes batch job.
u	Patabase. Query Locator: (Interface) (Used in Start method) Used to efficiently fetch large datasets that needs to be processed.
	Used to afficiently jetter voge on 184 of Jovernor Limits of affic one Batch 47 Each Batch has its own set of Jovernor Limits of affic one Batch is processed, a new set " " " are available.
	* Best Practices of Batch Affex:
	1) Use efficient SOQL Quely.
	2) Handle exceptions Profesty.
	2) Mandle exceptions Profesty.  3) Use smaller Both Sizes (if necessary)  4) Avoid Complex logic in Execute Method  5) Ensure records are Processed in a manner that don't exceed Grovermor Limits  5) Ensure records are Processed in a manner that don't exceed Grovermor Limits
	4) Avoid Complex logic in Execute viernous that don't exceed Grovernor Limit
	of Grown warms