


DAY	SYLLABUS OR TOPICS	REFERENCE OR TASKS
1	<p>Null Safety</p>  <p>What is Null Safety?</p> <ul style="list-style-type: none"> • late keyword • Type Promotion <p>Null Safety Operators:</p> <ul style="list-style-type: none"> • ?? if-null operator • ??= null-aware assignment operator • ?. null-aware access operator • ! null assertion operator • ?.. null-aware cascade operator • ? [] null-aware index operator • ...? null-aware spread operator 	Practically implement all null safety operators and understand working of each null operators.
2	<p>DART OOPS</p> <ul style="list-style-type: none"> • Classes and Objects <p>The Four Pillars</p> <ol style="list-style-type: none"> 1. Inheritance 2. Encapsulation 3. Polymorphism 4. Abstraction <p>OOP in Dart,</p> <ul style="list-style-type: none"> • Class in Dart, • Objects in Dart, • Class and Objects in Dart, • Constructor in Dart, • Default Constructor in Dart, • Parameterized Constructor in Dart, • Named Constructor in Dart, • Constant Constructor in Dart, 	https://youtu.be/1sb_GDwQuPM

3	<p><u>Encapsulation in Dart,</u></p> <ul style="list-style-type: none"> • <u>Getter in Dart,</u> • <u>Setter in Dart,</u> • <u>Getter and Setter in Dart,</u> <p><u>Inheritance in Dart,</u></p> <ul style="list-style-type: none"> • <u>Inheritance of Constructors in Dart,</u> • <u>Super Keyword in Dart,</u> 	
4	<p><u>Polymorphism in Dart,</u> <u>Static in Dart,</u> <u>Abstract Class in Dart,</u> <u>Mixin in Dart,</u></p> <p><u>Enum in Dart,</u></p> <p><u>Interface in Dart.</u></p> <p><u>Mixin in Dart,</u></p> <p><u>Factory Constructor in Dart, and</u></p> <p><u>Generics in Dart.</u></p>	
5	<p>Asynchronous programming</p> <p>Future function (very important)</p> <p>Isolates</p> <p>streams</p> <p>Async await</p> <p>Future vs Stream</p> <p>Stream Controller, Future Controller</p> <p>Date Time in Dart</p>	Write program in dart to get current date and time.
6	Refer and learn all Topics on Dart and Workout all the tasks given.	