INDEX

(Mobile Application Development)

S.No	AIM	Page No	Start Date	End Date	Grades/ Marks	Signature
1.	Basics of Kotlin					
2.	Create Activity to display 'Hello World' in TextView in the center of Activity screen with yellow layout background of Activity. TextView properties should be Holo Blue color, 27 font size and make text style bold and italic. After creating activity, demonstrate functions of Acitivity Life cycle by using Log message, Toast message & Snackbar message. All methods of Activity Life cycle should be printed in Logcat.					
3.	Create following UI by using ConstraintLayout, LinearLayout, in one android Application. Create two activites for each layout & use BottomNavigationBar & Explicit Intent to move from one activity to another activity.					
4.	What is Intent? Write down types of Intent and types of Intent Action. Create an application which demonstrates implicit Intent for following features and also create different activities and demonstrate explicit Intent. Use parent theme Theme.Material3.Dark.NoActionBar for Dark theme and Theme.Material3.Light.NoActionBar for Light Theme.					
5.	What is Service? Write down types of Service. Create an MP3 player application by using service.					
6.	Create an, Video Player application.					
7.	What is BroadcastReceiver? Difference between service and BroadcastReceiver. Create an Alarm application by using service & BroadcastReceiver.					
8.	What is Frame by Frame Animation? What is Twin Animation? Create Android Application to demonstrate Frame by frame animation and splash to demonstrate twin animation.					

9.	What is difference between ListView and RecyclerView? Create SMS Android Application that can receiver SMS by BroadcastReceiver and Interface, send SMS and read & display all SMS of Inbox by using RecyclerView.					
10.	Create an application to create JSON URL for contact which have field(id, Name(first name, last name), Phone No., Address) and should be min five contact details & display received contact date in RecyclerView. Add Google Map Activity which display location which is received is JSON Data in google Maps activity and set the zoom level to 10.					
11.	Create Note Android Application that can add Note, edit Note, delete Note, and set reminder date & time of note. By using Broadcast Receiver, AlarmManager set reminder of note. By using SQLite, store all notes data.					