Assignment # 01			
	Name Roll no Class Subject	Abdul wahab 19484 BS-IT 4M Software enge	sementer
Awwer	the follow	ing Austion:	
al List	out my	ree mobile de	velapment
IDE	and their	features in detail	J.'
As) An	integrated	development en	isoment
provide	all the	the tools you	require
		test software,	
		adability and class	
Three	developin	ent IDE and	
their	features	ale:	ALABA E
1) And8	iod studio		
Thi	is is	Android officia	J
IDE	and b	uild for faste	ning
the d	evelopment	process to	0
create	high-q	nality Android	s apps.
Fratu	25:-		
Faster	coding an	I speedy iteration intellig IDEA suggest code to from a chooped	n:
Base	d on	intellin IDEA	
Code	editor	suggest code	that
you		L 42 - 1- 2-1	0.0

coding with confidence: Android studio provide code templates and samp for quicker and better development converate APKs for all devices: Android Studio provide build automation, dependency managem and customizable build configuration Cous tool integration: A drag and drop visual editor is provide by Android Studio. 2) visual Studio This is a weation of Miyosoft and it uses Miyosoft software development platform, visual studio offers: Intellisense: with jutellisence visual studio has small auto-completion ighlighted syntan. 9+ provide gutelliget variable type, function definition and impost modules. griget code to a runing and debug with

Built in crit command: The visual studio editor directly from the editor and oush and full from any horsed SCM services. Customizable: You can add new languages thomes, debuggers, and additiona services as well 3) X code X code is Apple's very own IDE 9+ is used for building apps for Apple products. Fratues: single window interface:

you get all development toals in one window; coding editor, UI design asset management, testing, and debuging Intelligent source or code editor: which ever programing language you are working the editor checks you cade, suggests completion, highlight mistakes or auto fill and fix

Graphical UI design: for acating interfaces for Apple product. Integrated debugger: An essential component in IDE. X code also provides Seamless debugger and simulator Testing and integration: For better app performance xcode comes with a testing francework for funtional, performance and user interface central.

## (2) Differentiate between Requirement elicitation and Requirement specification Requirement dicitation: It is the process through which the customers buyers or users of a Software system discover, reveal, articulate, and understand their requirements. If the feasibility sepost is positive towards undertaking the project next phase start with gathering ocquirements from the user. Analysts and engineers communicate with the dient and en-users to known their ideas on what the soffware should provide and which features they want the software to include Requirement specification: SRS is a document created by System analyst after the xquirement are collected from various stakeholders. SRs defines how the intended software will interact with hardware, enternal interfaces, speed of aperation, response time of system, postability of software accross various platfasure.

maintainability, speed of secovery after crashing, security, Quality, Limitators etc. The requirements received from dient are written in natural language. It is suponsibility of system analyst to document the requirement in technical language. Tuser requirement are express in natural language 2) Technical requirement are express. in structure language. 3) Design describtion written in pseudo code. 4) GUI seen points. 5) conditional and mathematical notations for DFOS etc (3) waterfall madel:
The waterfall madel was the first process model to be introduced. It is also sextred to a linear-sequential life Cycle model Buginess Requirements:

A customer comes to me and say that they need a soppose with multiple functionality and let of such things: 1) Music Player app. 2) loop option 3) Select song from storage Play back option Play MP3 Song Play / Pause SOLC made adopt: waterfall 1) Android as well as I as app offline app 3) user friendly 4) Easy to use 5) lightweight insige Result: is successfull because, the project is small, But if dient won more features we will managed ox become disaster.

model is Home Meny favority select song