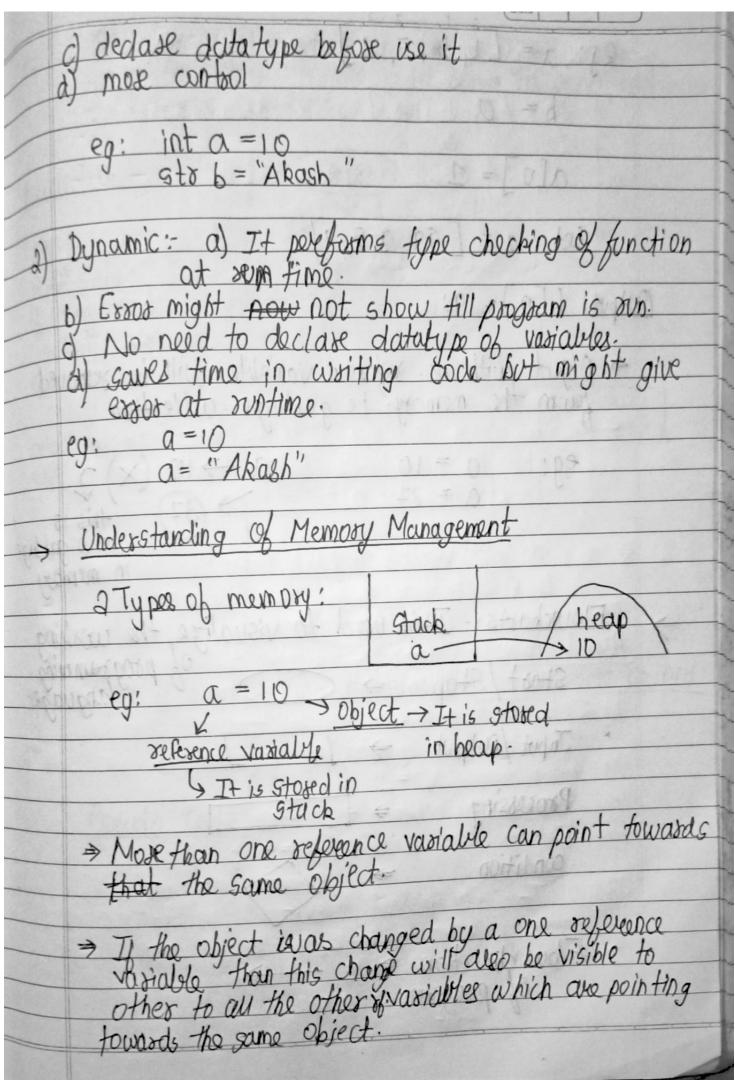
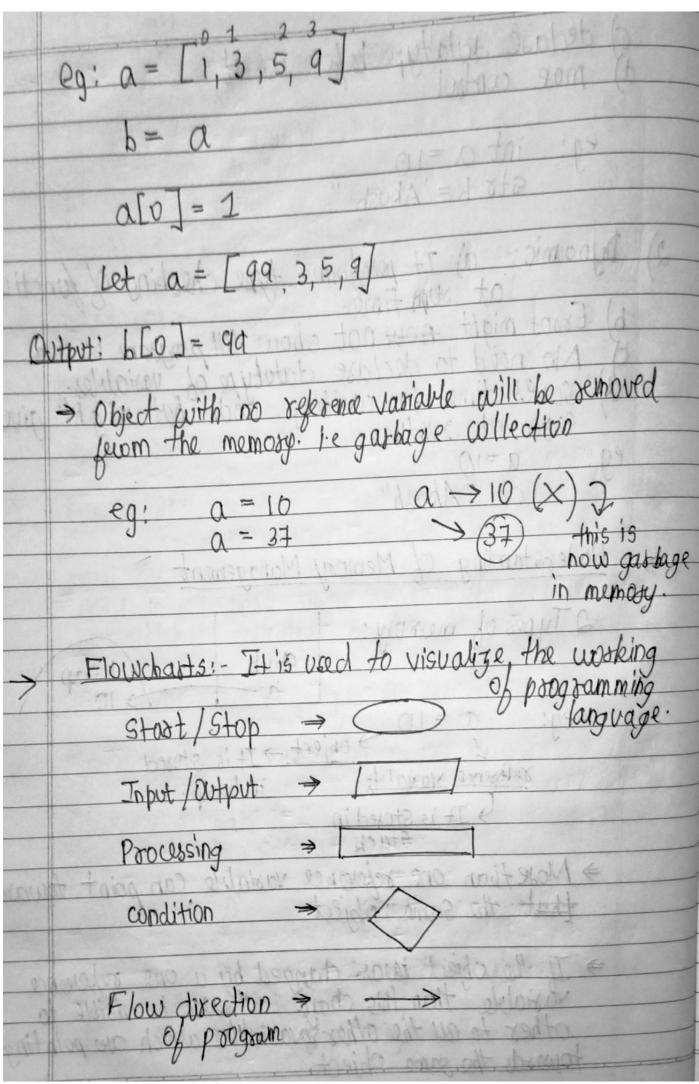
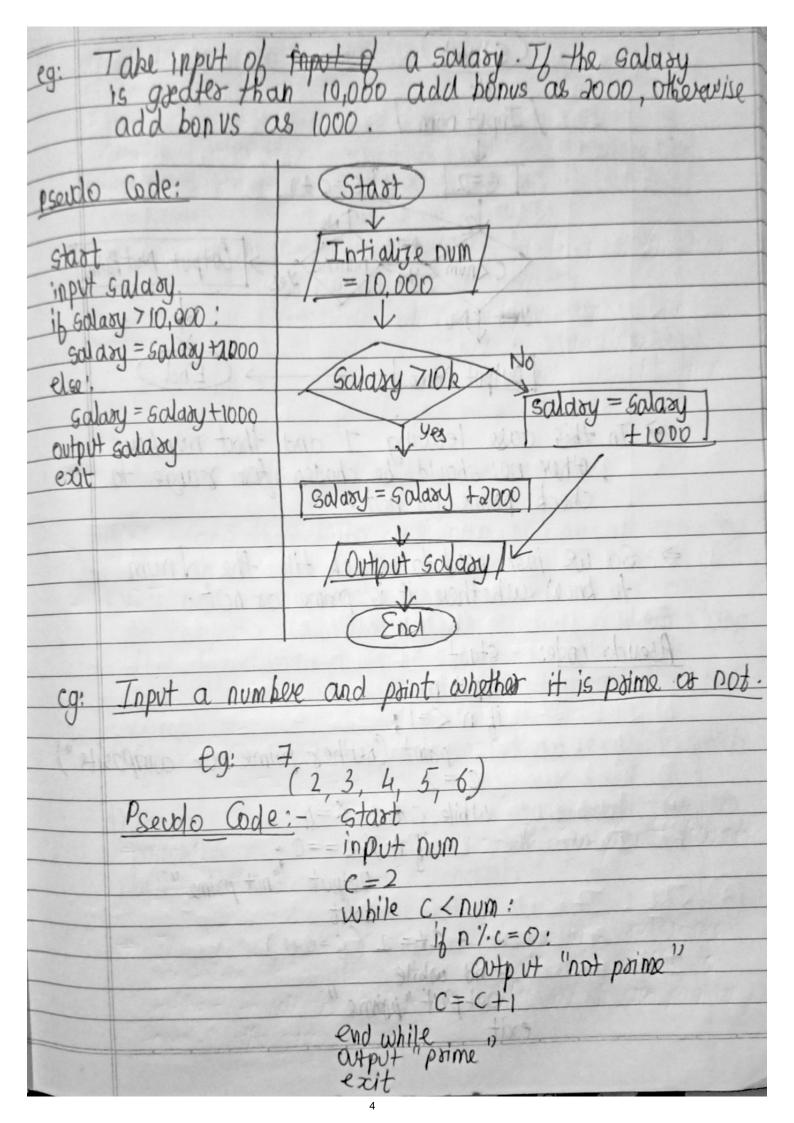
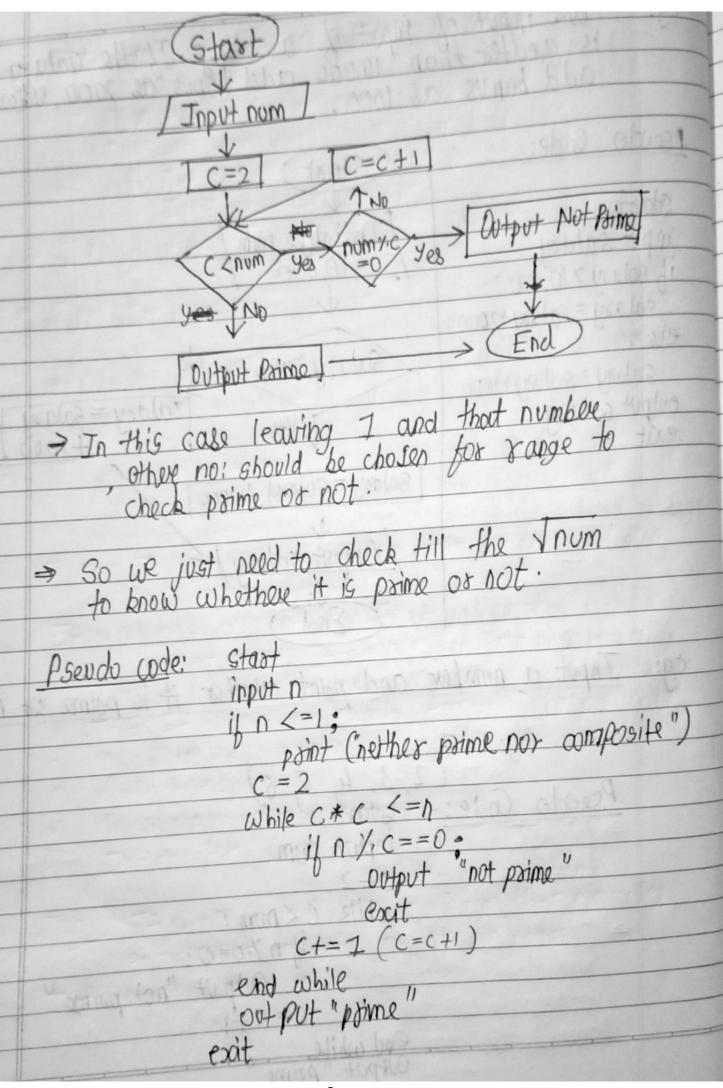
9/9/21	* Java Course * Host rodanis (4)
	Types of Languages
	Procedural Functional Object-Orien-Au
- j)	Procedural: - It specifies a series of well-structured steps and procedures to compose a
	program. It contains a systematic order of statements, functions and commands to complete a task.
2)	Functional: Writing a program only in pure functions i.e news modify variables, but only create new one's as an output. Used in situations where we have to perform lots of different operations on the same set of data, like ML.
	First class functions. eg: a= 10, b=30, c=b
3)	Object Object: It sevolves alward a objects. Code + Object Data = Object Developed to make it easier to develop, dobug, sevice and maintain Softwase.
_ >	Static Vs Dynamic Languages
)	static 1- a) Perform type checking of function at compile time. b) errors will show at compile time.









7	How Tava code executes:
	java fik compiler class file interpreter Machine code (human readable) (entire (byte code) (line by (0&1) (5 over code) file)
	- this code will not distally sun on a system - We need JVM to sun this (Jawa Vistual Machine)
	This is why Tava is platform independent What is mean by Platform Independence
	- DIt means that byte code can our on all operating
0	Sure need to convert source code to machine code so computer can understand, compiler helps in doing this by turning it into exceptable code. This executable code is a set of instructions for the
400	c) After compiling C/C++ code we get exe file which
2	d) In Java we get byte code, TVM converts this into machine code. So Tavais platform independent but TVM is platform dependent.

