* Fundamentals of Javax.
Assignment Solution. 0-1 What is programming language? Ans 1. A programming language is a Computer language that is used by programmens (developens) to Communicate Twith Computen. It is set of Instructions unitten in any specific language (Java) to penform 0.2 Mhy do me need a programming Janguage 2 Ans 2. programming Language is Importent in our taily life to tenhance and increase the power of Computers, Mobile Solution, and the Internet . there are numberous Examples you May Come to know when you are going to leann a programming language * Not Just for academics, but for the neal world as well, all programming is done * Due to programmes developed by Computer programming, you can conduct

online banking and punchase your ticket While travelling by train on genoplane.
It's true that your washing Machine has a few different kinds of Computer progra -momes. programming Makes it possible for all of these things and Many Mone. 0.3 What we the features of Java? Ans 3 object-Oniented: The features of object oniented programming are Supported by Java. The object model is Straight-forword and flexible. plateonm Independent: Becouse of Java and C++ are platform Independent application programs. Created in one openating system can nun on any other openating system. c and c++, however, are plat form depend -ent languages, Making it possible for application program one openations system to run in any other openations system. Simple: Becouse Java incomponates Many e/ett capabilities, It is simple to Lindeng tond. Java offens a vaniety of against Malware and vinouse, Secune: defences



non Secunity will be Compromised.

pontable: - we have to idea of pontability in Java. Java allows the Same Saturare to nun on vornious platforms.

Robust: It assists us identify in a potential enough as soon as feasible durning program development.

Multi-theneaded: Java's Multitheneading prograemming capability enables you to cheat a program that executes Multiple taske Concurrently.

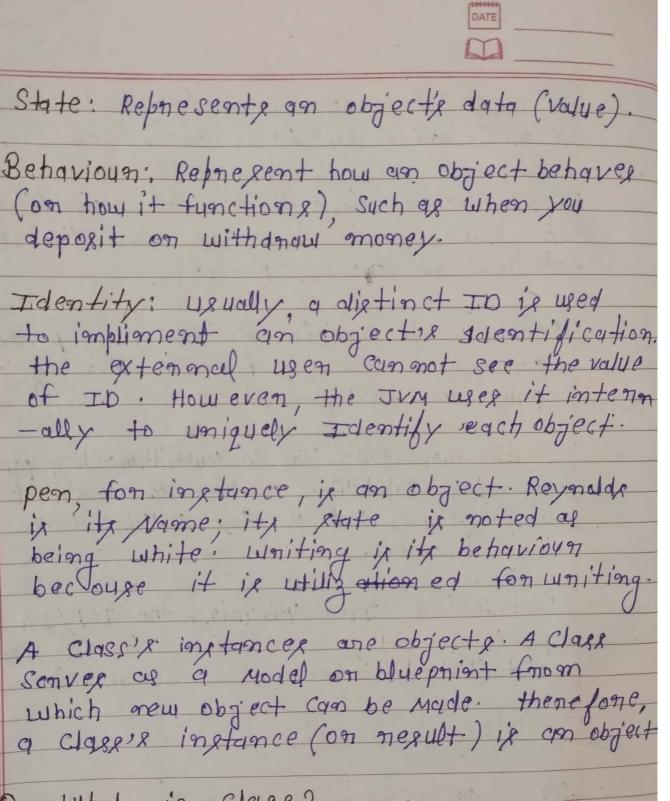
Distributed Java Maintains the TCP/IP
protocol and is therefore Suitable for
distributed internet Environments.

o: What is an object?

Ans An object is an entity with state and behaviour, Such as a chain, bike, Manken, pen, table on can. It could be Intellectual on physical (Tangible and intensible). The banking System is intensible). The banking System is illustration of an intensible entity.

An object has three characteristics

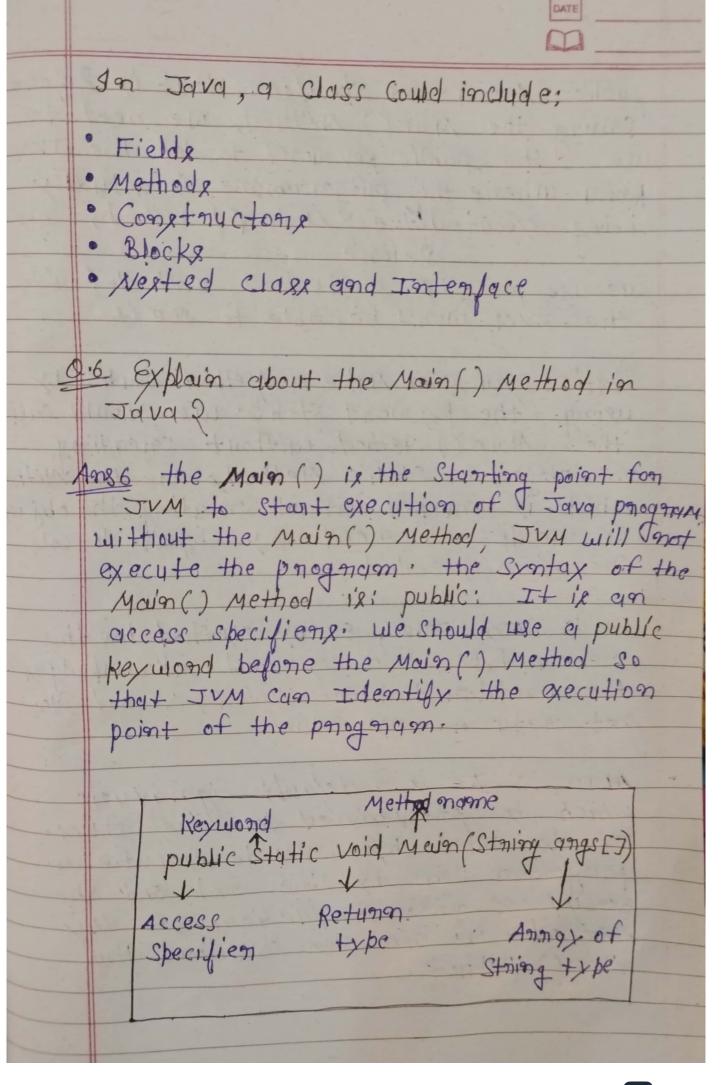




A Class's instances are objects. A class sonver as a model on bluepnint from which new object can be made. therefore, a classis instance (on nexult) is an object

Q What is class?

Any A Class is a collection of items with Similar changetenistics. It serves a a Model on bluepnint from which things Can be Made. It makes sense es a whole. It coment be bodily.



public. An access specifien, that is Before Calling the Main () Method, we need to use the public key world to Jet the JVM know where the programme is actually being executed. The Main () Method; if Before

the JVM won't be able to see it.

Static: you can Make a Method static by using the Keyword Static. We should call the Main () Method without creating an object. Static Methods are the Method without Creating the object. So we do not need any object to call the Main () Method.

void: In Java, Every Method bag the aneturn type. Void key mord acknowledges the Compiler that the Main() Method closs not neturn any value.

Main (): It is a default signature which is predefined in the JVM.

It is called by JVM to execute a program line by line and end the execution after Completion of this method. We can also oversload the Main () Method.



