

Assignment 28

can static an abstract method have the static qualifier 9

o If we declare a method is closs abstract to use it, you must override this method in the subclass. But overriding is not possible with static method, Therefore, an abstract method cannot be static.

what kind of thread is the garbage collector

Darenon throad

2.

- Garbage collector is a Paemon thread that keeps running in background. Basically it frees up the heap memory by destroying the unrechable objects.
 - o unreachable objects are the ones that are no longer referenced by any part of program.

what is premon throady 3.

Decemon thread in Java is a low-priority thread that performs background operations such as garbage collection, finalizers action listeners. Signal dispatchers, etc. deciding a Omethod is cross abstract to

paemon thread is also a service provider thread that helps the user thread.

ratio meriod, therefore, an abstract Crarbag collection Signal Dispatches

Daemon thread what wind he thread is the garbage collectory Finalizers

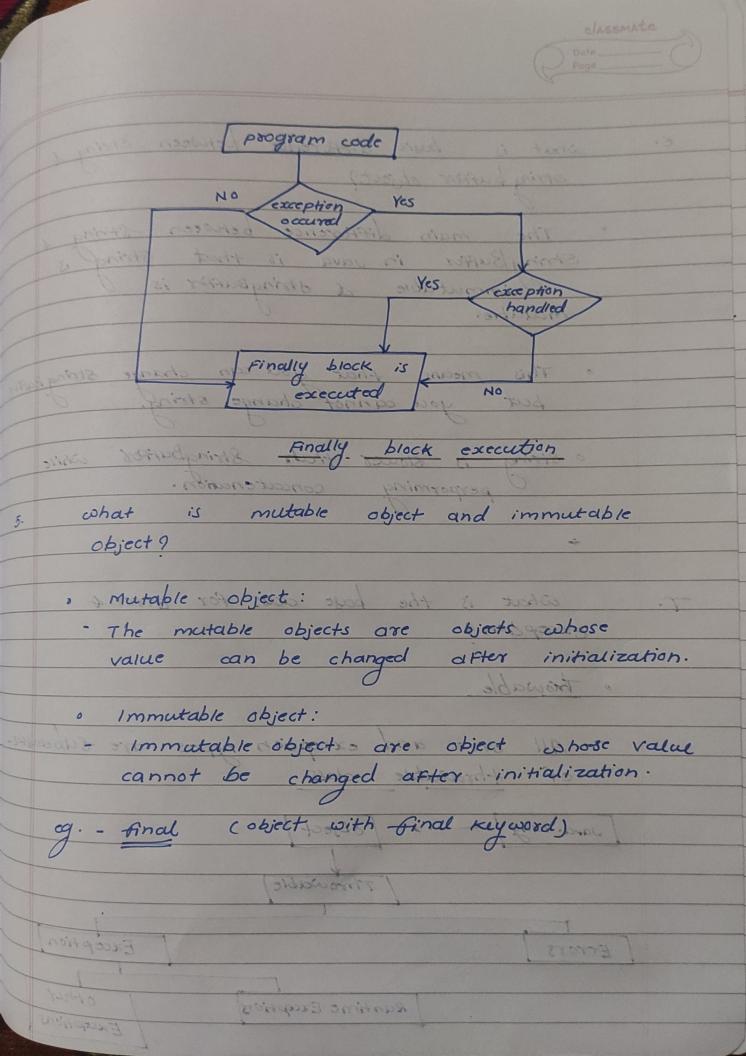
Action listeness.

4. what is the use of finally block 9

unreachable objects are the ones that not

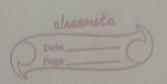
Java finally blocked used to execute important part of code such as closing connection, etc.

1 It is a block of code executes whether an exception is handled or not There fore , it contains all the necessary statements that needs to be printed regardless of exception occure or not



6.	string buffer objects
	string buffer object?
	or payrot opposed
	" The main discussion between a
	The main difference between string to String Buffer in Java is that String is immutable a string Buffer is multable.
	Commutable & string 15
	mutable.
	- Controller
	e This makes is the William !
	Lot
	but you cannot change string.
	offing is blowed than stringbuffer while
	o String is blower that StringBuffer while perporming concatenation.
	signaturate but these cast and signature
	· (table)
7.	what is the base class for Error 4
	* Exception 90 ore charjes oft .
. 0.0030	value can be changed after initializa
	o trowable
	o Insmutable object:
العامد	- All erro and exception types are subclasses-
- 1	of throwable class.
	Java lang - > Object
	1
	/ Throwable)
	[Exception]
	Runtime Exceptions other
	[Exceptions]

O Data



what are the inbuilt packages in Java9

- packages in sava are used to avoid naming conflict and to control the access of classInterface, subclasses, etc.
 - of classes, subclasses interfaces or enumerations.
- · Packages are divided into two parts:
- J. Built in Packages on tombo
- 2. User defined packages.
- Built in packages: Java- ang, aust, util
- g. 15 Jum is a compiler or Interpreter 9
 - · JVM is both compiler & interpreter.
 - Java code is converted into class then

 It is converted to bytecode.

 This bytecode is accepted by interpreter

 than OS then microprocessor

10. what is final keyword in Javaq Final keyword is -same as const and wine of the Parison of law Parison The variable declared with final keyword is immutable means we Ocannot change the value of it. a final keyword is used to indicate that the variable, method, class cannot be modified or extended. e Built in packages: Java-lang, acot, ubil 15 Jum it a compiler or Interpreter 9 o UVA is both compiled & interspected. s sava code is converted into obus then It is converted to befoods. the bytecode is accepted by interpress