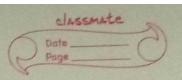
Assignment No. 11



Title - Interfaces & parkages.

Prublem statement: Write Java Trogram which will demostrate a concept of interface & package in this assignment. doign & used castomize interface & package for specific application are expected.

Objective =

- i) To understand conept of interface in java
- ii) to understand the concept of jackages in java language.

Theory -

Interface -

An interface in java is blue print of a class.

it how static longtant & abstract method only.

It is mechanism in java to achieve full

abstraction. It is used to achieve multiple

inheritance in java.

Need of Interface :

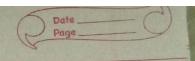
i) It is used to achieve Fully abstraction
ii) By interface java suppose multiple inheritance
iii) It is used to achieve loosely coupled system

	Interface fields are public, static & final by default
- 1 - 1 to	I met had are abstract.
344	Java packages:
Chisty.	The state of the s
240	· A package in java is used to group related
	classes.
	Dackson
	parkager are divided into 2 categories:
	i) Built in parkages ii) uge e defined parkages.
a	m) use defind packager.
	Andread with
	i) Built in parkager:
	La Contraction of the Contractio
	@ Java APJ is a library of pre-written
	clusse that one tree to use theluded in
	the JDE
£ [24/48]	(b) To use a class or packages from the
:19	import you need to use implicit Keyworld.
	Syntax: import package, name, class;
	e.g.: impost java. util. scannes;
	il) use defined packages:
	petrally alsithmic desired
	Keyward a parkage, use the parkage
	keyword.

e.g. package mypack;
class mypackage class public static void main (String args[]) system. out. println ("Hellor); the proposition participal was Interface Example: class interface class

Lextends limplement 1 implements elisted interface interface. day e.g. interface I1 int c1=10; Void display (); 200101 32 191 m 10 1 12 12 11 11 class ABC implements II void display ()

system. out.println (ci);



Public static void main (String args C7)

ABC al = new AB(1); al. display();

3

Alyorithms :

For implementing packages we need to create package first

for e.g.

package mypackage;

pablic interface persondetails

11 abstract method; 11 static final fields

3

Store the packages inside mypackage folder.

(reade the main program java where used

impost myparkage persondetails;

