Hame & Vaibhar Ramkisan Chopade [1-30] a) what is diffreence been constitutor and method, How con hardle exception in java (try, la) ch, Finally (SQ) HCf of the given number. 103) of) write a program to ficheck vowels and consonant 1) Find the output of the following. program? · public class Increment Decrement Opuiz 5 public static void main (String [] areas) int i= 0; 1=1++ - -- 1+ ++1 - 1--; System.out. pointla(i); 5) The output Of peo above code is 0=0++ - --0+ ++@ - 0--1 0=1-0+10-0; 0 = 0 + 0 - 0; 0 = 1 - 0 + 1 - 0 = 2 : There for 100 [=2]

Diffrence bein constructor and smethod. [constructor] [grethod]

feature of object - mented programing.

- a) Constructors is involved automatically at the time of object creation.
- = (onstructor is as same name as class name.
- of all Default Constructor, parametrised Constructor. and copy construction are the types of constnetor.

+ constructor is a speaciff + - prethod is Block of F code in that include some functions, and objects.

- st can perform operations of Punchions and obsects.

- + method have different name.
- > static & non-static are the types of methods.



How can we handle Exception in Java.

of through tog, catch and finally we can handle exception

public class Exception { public static word main (string es grass)

int x = 5, 4 = 0;

m int z = x/y;

Scatch (Exception e) ? e. Printt Stack Trace (e);

p p return nx)

co consonant to check also character is vowely

Public Class Vowel Consotrant (

Public Steckie word mean (String args [7))

Se Stanner se = new Scanner (System.in);

For (Int is a jit ch i gtt);

System out - profine Enter a Charecter!);

Char ch [] = new int ();

| (htil == '0' | chartil == '0' | chtil == '0' | ch

2) Oces part of the Parlowing Code Public class calculatos in num = 100; epublic state void main (String Exchang); ·public void cale (int num) this. num = num + 10; public vaid print/altum 11 & System out. Printin Grumy; public state word main (String I) aress calculator 061 = NOW Calculator (); Obj. col((2); 061. paintilum (); > occupant ex the above program is 2000 The because of g firstly compiler check main function and goeg to class object. In class object, object couls the Heat fant fun cal. Course in that num * 10, so num = 100 the ex2 conclusion will happed and the arswer will be print in the function print Num () Function thre calculation of this program is \$ 100 ×10 = 1000 xind the ever past value 2 50 1000 x2 = 2000 the answer is 2000

