METHODS IN JAVA DO Date 21/10/2022 Eundamental of Stack and Heap area > Methods:wherever there is a tosk/activity/some group of WOOK Which is related to each others If yourse Performing then the method comes in the lieture. > In other sondrar methol is corred as function areo and Tava only one way we can write a function. But in > ony Tust/activity must hove? => (1) name, (2) Input (Porameter), (3) Body, (6) return type (Dosametes) } Acetivity Body (X) different ways we can write a method in java. (*) Memory Management for methods: - whenever we write a method when we exceuse ther JUM take the nether and put it into Stack Appa. - TO execuse the tosk octavity which is there present in site your method on your stage over one record will be. exected which record is called petitorion pecond of any mother or Stack Frame @> C. & HI (Type 1) Stores Chass Cascusators 27 int a, b, e's BAFE CORE) Vois out 15 rective. 0=10; (DAW) b= 20; C = a+b; 1342-So. Pur (c)' Public class Lauren Carel HEORP Stock Proprie statie vois main (SEI 0885) & Carendors Cola = new Cabensagos 1 (); Runtime Stack case. add (); Area Stack ACHIVOLION RECORD (AR)

> After finish of took of any method the Stack frame of AR will also remove from Stack > When Stack frame removed the reference voriable (rase) will also remore so, in Hear area there is nothing which indicates these instance variables. So, those also removed by Gostale Concetion process automorficary by orm. > (vorgedo Corrections Java application outain objects in memory as ready It is a the took of sookage coslection (re) in the JVM to automatically betermine what memory is no longer being used by a Java application and to recyler this memory for other uses. So, continuously Jum secreting for which memory not used first it and remove it. notused e. 8#2: We can also take input from purameter of any method. 1) It there is a need in java you comiwrite such a method which is accepting in parameters. (i) as a camer who can the method compulsarily what ever the input is acceptive you have to pass it. > type2> bosometes Class carendotos 20 int res; Void odd (int a, int b) res = atb; // int res = athis 5.0.12 (865) calenota10) (1) public class Approch & Public Static void main (Stong I I coss) Heap Carentogoe 5 care = NEW Carentagos (), code (20, 30) '2 > orgunents

C.8#3 Class Carenactor 3 ? int a, b, 865's +ype3> int odd () { 4=10% 九= 20% Jes= atb's octure ses; " sive only the interestative Public class Apportsof P. S. V. m (SCI 0885) S (asensayor3 case = new (asensayor 30) //case = add(); int receiver = case, ash (); receiving the integer value of ses into a variouse (seein) S.o. Pin (receiver); @ we can do any other operation besterd of painting Class Casendadox 4 & type 4> int res; int oblint o, int b) of res = ath's return res' Public eloss Approch 42 P.S. V.M (SEZ 0885) & Casendator 4 ene=new Casendatos4 (); int receiver = case, add (10, 20); S.O. Pun (receiver);

code of public coass Test of PS V m (SE3 0098) 4 X=0=)OMPH EO int 2 = 7; x=1=>1,2, switch(2) of defauet; S.o. pan ("Lefauet) X=2 => 2 x23 => defount, 0 Cose0: S. o. Pan("0"); (yng) break; Cose 1 = S. O. Ben ("1"); case 2 = S. O. Pun (2)) NOTE: replace & mith 0,1,2,3 and poedued the output. 05 Boolean b1 = true; 11 w supper class boolean b2=false; 11 primitive. bodean b3 = tone; 11 primitive if (61 & 62) (62 & 63) & 63) // forse (if (forse) & tore), if (forse) tove), 5.0. Pln ("alpha") 's if (b1 = faise) | (b1 & b3) | (b1 | b2)) // if (faise | (faise time) S. O. Pin ("beta"); 1 (fouse 1 fouse) 2. if charce force (forse) > what is tre resnut? it (tense) a) beta, b) assha, e) assha beta, d) CE @ NO output E) An exception is thrown of ountime. AND ONDON Class maybe & PS vm(SC30) } bostean \$1 = tove; bolean bz=false's S.o. Ps (!fasse ^ fasse)'s 1/tover fasse => force 5. 0. PL (" "+(1218 (pz=tone)); 11 fasse & tone) = (fasse) 5.0. 8x (" "+ (22 x1)); // tore v tore > (fasse Which is true? A line 5: true, B) sine 5 = forse, c) sine 6 = true, d) sine f = forse e) sire 7 = true, f) sire 8 = fasse. Ang! A. Lines is true MOTE: exor => toth operands some means tause, otherwise
true, es: true, touse > true | fause , touse = touse ;

true, touse > true | fause , touse = touse ;

