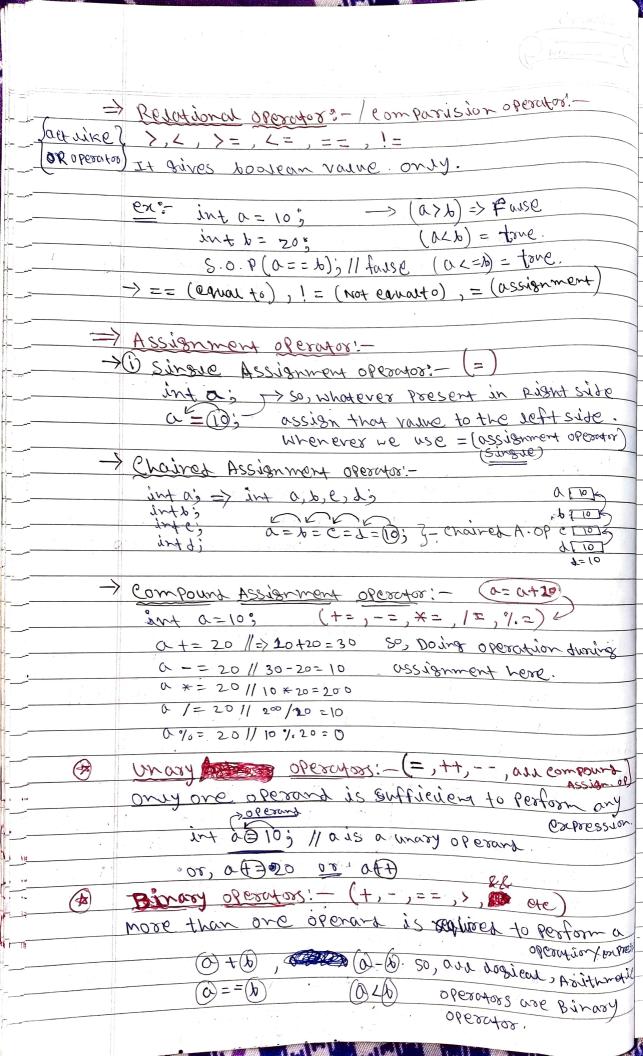
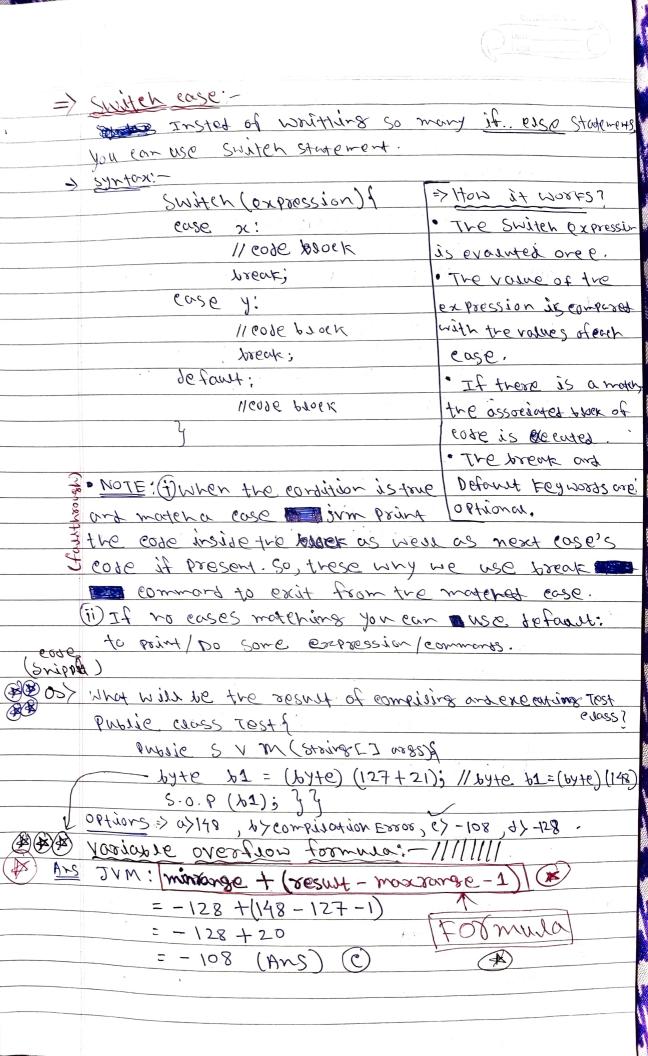
OPERATORS, CONDITIONALS, A Date 17 10 2022 SWITCH IN JAVA PART-3 => 0 besofoss:operators are special symbols that perform specific operations on one, two or three operants, and then return > Types of operators! resust. (i) Arithmetic operators: (+,-,1,*,%) (i) Inexement & Deerement operators: (++, -iii) Losieal operators! (iv) Assignment offerotors! (=) > compound Assignment $(+=,-=,\times=,/=,/_{c=})$ (Conditional: (if, ease) LERNORY OLGERHORS; -(vi) Resolvanas/comparison operator: (>, <, >=, <=, ==, != (Vii) Bitwise operators: - (&, 1, Arithmetic operators:-, * , /, % (oddition, Substraction, mudi Plication, Divition, Moduro operator) int a = 101,2 >0 % > (moture) I + 8ives the seminder. 0 = 01/10 > 10) € (0 Increment & Decrement derodos: - ++ 90 AND 29ris tI rogical observas; Boosean value. 26 OR>11 AND > 28 MOT -> EXPZ EXZ RESUM exp1 exp2 exp3 resum !T => F ! T (- gustuco ti $T \Rightarrow (T)$ $T \Leftrightarrow T$ if 2 true I forses T T=71 トシャ FAT T > F F トシエ The same · S.O.P (1 true) 3 レア (ニ) ア TSF F >F 11 points Fasse if OIX forse=> F F FAF F · 5.0.p (ifasse); when entire expression Howeve entire expression Dre faise, then it will 11 points true. doetrue then it will true taise. otherwise, it int Court = 2; other wise it will falso tero goot gris silve if, even only one will false 5.0. P(!(court >2)); // tore even fore statement is S. 6. P(1 (court 42); //fasse the I total expessit win force. true. > T & & T & & T & & T > D 7 > F 11 F 11 F > F > F 1 F 11 F 11 F > T > T & & F 1 F 11 F 11 F > T PT && F &B T & & T PF J ST HTHTHEST



Conditional # (B) => Whe you are soing to perform any task / operation/ activity Bosed on condition. Like if - esse if - ease :oit the condition P(d(0) 7i (int a = 10; istrue tren int a - 1 toue. . it Frask then it will sur → Fouse fixe etch exit, (0+x) (a-x) int res = a - b's if 5.0.8 (805) · You can make a ease statement Block it youwant to creat your consistion 615C. forse and run a certain things. int res = att; t 5.0.P (res) # in it or it-ease block only one block will experted. It does not motter how many condition block you created. = esse - it:you can check mustible condition by using ease-it in itesse statement. ex: - int == 10; int b=2; if (a>b) f ¿(d-0) 9.0.2 esse- # (0==b) ->(cord 2) S.O. P (a+b) 9 ease-if (ocb) S.O.R "a is resser");

=> nester rt-ease:we can write mustiple it esse sesse-it in between canother it, case, it-ease block. First the reast, in between 3 number? int 0=10; int b = 20; rut 6 = 2? 3 (aso) Fi if (ace) f S.O.P (" a is Least number); Jesse & is reast"); esse it (bcc)f S. O. P ("b is Least"); E 136 \$ => ontono: S. O. P ("e is least); C 25 reast you can auso use be, 11 operator in consisting it Terrary 080 20402 :-(0>1)? (1,2) int a = 10's int p = 50; Consistion if tone iffor se 3(d & a) +i (01 = 0 tri Jut 9 = 50, 5.0.9(0); int resurt = (a>b) ? a:b; esse f 20 b (resnot), lombert >> 50 5.0.P (b); NOIE %= > NOTES TELLOWY OF CENTOS: (10 < 20) 5 30; 240; => compire int 0=108; (alb) ? c:d; > compire 0 some int b= 40; (10/20) ? a: b', => (x) con-in reast (0(b)) 10:20 5 => (con 1) int c = 30; 6 x Owled int d = (akb)? (ace?a:e):1 PCC; p: C1: 80, 10 DEA S.O.P (1) the Esunt type and Story variable type shows le => OWPW= 30 marie Acces & A. W.



D> For the given code what is the output? int x=100; int a= x++; into b= Hx; int e = xtt's int == (axb)? (ace)?(a): (bxc)?b:c:x; S.o. P(4); - OPthors: - 0> (00, 1) 101, e> (02, 0> (03, E> compiration for Ang= & X=100 exp= (0 < b) ? => (00 < 102) yes Q=100 11x=101 (ace)? = (100 × 102) yes b=102 11x=102 e=102 // x=103 [(100×105)] (100×105)] (100 :. 6=100 | Ars @ CLOSS TEST & P.S. V. m (SEZ args) f int a = 100; // a = 100 . S. o.P(-a++); } } , // s.o.P(-100); now a = 101 ars=(100) Failthough in Switch: -: int 0=97; Switch (a) a cose 28: 5.0.PM("herro"); (fore)~ - ONTON - regro g fall through r166 · Since there is no break automatically control execute the next case also, this condition in java unter woe Test. java

Test. java

Test int test

Test int

Test int

Test

Test Switch we can as "fauthrois" (A) (B) 1xt. bus avs. toch rahud Smith funor Morres Ebroti fineh 1(8800 [38008] N.V. S. 9 (9027) (fise) Hermeter guit becomes out to most boildons of min such the Il cose mritten to over the five one real the contents from the 33