Expression 1. Asithmetic Oberators: +,-,/, x, 0/0, Python a + = 23 Tro 3 Tro Combarison | Relational: >, <,>=,<=,==,!=Logial: 22, 11, 1 and, 08, not] 5. Unary: ++/-- (Inc/dec) (Prefix | Postfix) 6. Ternary Operator: (cm)? CICHISS (andition) ? TV : FV; Java datatype voir = (condition)? TV := V3 Shert-hand it-else objeration. Bitwise Operators: (I) AND -) & -) Amberrand OR -) 1 -> Pible (II) XOR -) ~ Caret (V) RS ->>> ->> Angular Brackets
(V) LS ->> K ->>> Negation / Tible 6 -> 0110 0101 9 -) 1001 8 1000 518 1101 = 13 629 -> 0000 Situize - NOT 5-0101 $\sim 5 - 1010 = 10$ $\sim S = -6$ $\left(-6 = 10\right)$ -6 = 10 -> Theoretical Value $\frac{-6}{abs(-6)} = 6 \longrightarrow 0110 \quad \text{abs} = -n-1$ double 2^{15} 41 0001 100 = -6 10001 10000 10000 10000 10000 10000 10000Recibrout XXXX,6,8,7,1 5 M 0000 0000 0001 0110 0110 = 6 0001 0110 0010 0011 0011 101000 M 0010 0000 OM Decision Making / Looking Branching 1 Conditional Statements a) Simble if - statement -> 1 condition b) if -else statement -> 2 condition XE) if - else if - else _____ More than 2 d) Nested-if -> Branching Nosting e) Switch Case -> Better version of (5) f) Terrory Operation > W Loops gredon't know the no. of 87 eps D'Abile -> Controlled Loop W do - while Exit Controlled Loop my for loop -> we know the no. of steps Iv for-each look / Enhanced for look Wested Loops Patterns TCS Ninja > 6-8 LPA > 3 mino NgT > 5-6 LPA > 9 mino Basic > 2-5-3-5 LPA > 5 mino