3) Devise an external representation for the formulas in propositional calculus. Write a function that reads such a formula and creates its binary tree representation. What is complexity of your function? void Junction (formula) stack < chor> 5 5. push (formula > front) formula.pap() stack < node* tmp while (!s. empty) if (formula > front == '\'.'v'.' -> .'<->.'() 5. push (formula > frant) tarmula-pop. of (formula -> front == p.y.r.s) tmp. push (formula -> front) tarmula-pop jf (formula > front == ')) node * empl, * tmp3 tmp = tmp. pop() tmp2 = tmp.pop() tmp3 = S. pop () tmp3 -> lolidd = tmp/ tup 3 -> rehild = Tmp 2 S. pop () O(formula size())