- 1. Some programming languages are toppeless. What are the obvious advantages and disadvantages of having no types in language?
 - Pros Since the compiler obsent have to type check which optimizes compiling thus lead to better patermance.
 - Cons From a Muman's perspective having in type hinders readability and convinience in readability and writing code.
- 2. Sub1 x(global), y(sub1), z(sub1), a(sub1) Sub2 - x(global), y(global), z(sub2), a(sub2), b(sub2)sub3 - x(sub3), y(global), z(global), a(sub3), w(sub3)
- 3. SNL1 X(9lobal), y(SNL1), z(SNL1), x(SNL2)

 SNL2 X(9lobal), y(9lobal), z(9lobal), w(SNL2)

 SNL3 X(9lobal), y(9lobal), z(SNL3), a(SNL3), b(SNL3),

4. a = a(main), b(fun1), c(fun2), d(fun3), e(fun3), f(fun3)b. a(main), b(fun1), c(fun1), d(fun3), e(fun3), f(fun3)c. a(main), b(fun1), c(fun1), d(fun1), e(fun3), f(fun3)d. a(main), b(fun1), c(fun1), d(fun1), e(fun3), f(fun3)e. a(main), b(fun1), c(fun1), d(fun2), e(fun3), f(fun3)f. a(main), b(fun1), c(fun1), d(fun1), e(fun2), f(fun3)

5. Q = X(SNL3), y(SLL1), z(SNL2), w(SNL3), a(SNL3), b(SNL2) b = X(SNL3), y(SNL1), z(SNL1), w(SNL3), a(SNL3) C = X(SNL3), y(SNL1), z(SNL1), w(SNL3), a(SNL3), b(SNL2) d = X(SNL3), y(SNL1), z(SNL1), w(SNL3), a(SNL3) e = X(SNL3), y(SNL1), z(SNL3), w(SNL3), a(SNL2), b(SNL2) f = X(SNL3), y(SNL1), z(SNL1), w(SNL3), a(SNL1), b(SNL2)