1. Output for this function

# **Undefined 8 8 9 10 1**

1. Define global scope and local scope in JavaScript
   1. Answer: Global scope is the scope of a function or a variable declared outside of any variable. These are those who are hoisted by the interpreter during the first compilation phase. The function should not be expression and the variable should be declared outside of any function.
   2. Local scope is a scope of a function or variable that are declared using the keyword let and const. This type of scope is realized in JS just as of ES6
2. Given global scope (Scope-A), function scope (Scope-B) and local scope (Scope-C):
   1. No. Statements in Scope-A cannot access variables in Scope-B and Scope-C. Because variable scope chain in JS works from local up high to global, and not the reverse.
   2. Yes, but with some constrains. Statements in Scope-B can access variables in the global Scope-s only when they are not re-declared in scope-B.
   3. No. same reason as in (a)
   4. Yes. Statement in local scope can access variables in global scope, as far they are not declared.
   5. Yes. Local statements can access variables at containing function scope
3. Out put

# 81 25

1. Out put

# 10