function init() {

var name = "Mozilla"; // name is a local variable created by init

function displayName() { // displayName() is the inner function, a closure

alert (name); // displayName() uses variable declared in the parent function

}

var y;

return displayName;

}

alert (y); // undefined

alert (name); // empty str

res = init();

res(); // Mozilla

alert (y); // undefined

alert (name); // empty str