**Data Structure and Algorithm Practicals**

2. STACK implementation using Array with PUSH, POP operations

let stack = [];

stack.push(1);

console.log(stack); // [1]

stack.push(2);

console.log(stack); // [1,2]

stack.push(3);

console.log(stack); // [1,2,3]

stack.push(4);

console.log(stack); // [1,2,3,4]

stack.push(5);

console.log(stack); // [1,2,3,4,5]

console.log(stack.pop()); // 5

console.log(stack); // [1,2,3,4];

console.log(stack.pop()); // 4

console.log(stack); // [1,2,3];

console.log(stack.pop()); // 3

console.log(stack); // [1,2];

console.log(stack.pop()); // 2

console.log(stack); // [1];

console.log(stack.pop()); // 1

console.log(stack); // []; -> empty

console.log(stack.pop()); // undefined