

```
Pseudo code
int value;
top = -1;

Push(value) {
    top = top + 1;
    A[top] = value;
}

pop() {
    top = top - 1;
}

isEmpty() {
    if top == -1;
        return True,
    else return false
}

isFull() {
    if (MAXSIZE == top)
        return True;
    else
        return False;
}

main() {
    push();
    pop();
    isEmpty();
    isFull();
    display();
}

display() {
    printf ("ndr, "stack [i]");
}
```