Assignment 6: Stack using Array

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Code:

```
#include <stdio.h>
#include <stdlib.h>
#define MAX 5
struct stack
   int top;
 st;
int main()
       printf("Enter choice: 1. Push, 2. Pop, 3. Display, 4. Exit\n");
               printf("Full Stack");
                printf("Data to be pushed: \n");
                scanf("%d", &num);
```

```
st.top++;
st.stk[st.top] = num;
printf("Empty Stack");
x = st.stk[st.top];
printf("Popped element: %d\n", x);
printf("Empty Stack");
 for (i = st.top; i > 0; i--)
    printf("%d", st.stk[i]);
printf("\n");
```

Output: