```
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Roll Number – A11

CA1

Course - CAP 770

Ques

Odd: Scenario: You're working on a social media application where users' posts are stored in an array. A user decides to post a new message, which should appear at the top of their feed. Later, the user finds an old post they no longer like and decides to delete it.

Task:

- 1. Implement a function to insert a new post at the beginning of the array.
- 2. Implement a function to delete a specific post given its ID from the array.
- 3. After both operations, display the updated array of posts.

Code(Odd):

```
CALLY © eatepp > © main()

if ainclude ciostremm)

using manespace std;

int main()

( CARATTON OF SOCIAL MEDIA ARRAY BEFORE MADO

cout << "CARATTON OF SOCIAL MEDIA ARRAY BEFORE MADO

cout << "True "the number of posts u want before hand?";

cin > nr,

cin > nr,

cout << "thou enter the posts: ";

for (int i = 0; i ( n; i + 1) {

cin > arr[1];

cout << "thou enter the posts u want before hand?";

cin > arr[1];

cout << "the force performing any operation the array is: " << endl;

for (int i = 0; i ( n; i + 1) {

cout << "centil < centil </ >

// ACKING USER MATCH ORDEATION THEY MANT TO PREFORM

cout << "inter the type of operation u want to perform?" << endl << "1. Insert a new post" << endl << "2. Delete some old post" << endl;

int ;

cout << "inter the the type of operation u want to perform?" << endl << "1. Insert a new post" << endl << "2. Delete some old post" << endl;

int ;

cout << "inter the post want to insert?";

cout << "inter the post want to insert?";

cout << "inter the post want to insert?";

cin > post;

for (int i = n; i >= 0; i --) {

arr[i:] = arr[i;] = arr[i;];

}

arr[0] = post;

int id;

cout << "Enter the ID of the post which u want to delete?";

cin > int id;

cout << "Enter the ID of the post which u want to delete?";

cin > int id;

cout <= "Enter the ID of the post which u want to delete?";

cin > int id;

cout <= "Enter the ID of the post which u want to delete?";

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cin > int id;

cout <= "Enter the ID of the post which u want to delete?";

cin > int >
```

Output 1

```
PS E:\MCA\MCA 2nd\DATA STUCTURE> cd "e:\MCA\MCA 2nd\DATA STUCTURE\CA1\"; if ($?) { g++ ca1.cpp -o ca1 }; if ($?) { .\ca1 }

******Welcome to SOCIAL MEDIA******
Enter the number of posts u want before hand? 6

Now enter the posts: isha
java
cpp
hello
byee
data

Before performing any operation the array is:
isha
java
cpp
hello
byee
data
Enter the type of operation u want to perform?
1. Insert a new post
2. Delete some old post
1
Enter the post want to insert? first value
After operations the array of the posts is
first
isha
java
cpp
hello
byee
data
PS E:\MCA\MCA 2nd\DATA STUCTURE\CA1> [
```

Output 2

```
PS E:\MCA\MCA 2nd\DATA STUCTURE> cd "e:\MCA\MCA 2nd\DATA STUCTURE\CA1\" ; if ($?) { g++ ca1.cpp -o ca1 } ; if ($?) { .\ca1 } *******Welcome to SOCIAL MEDIA******
Enter the number of posts u want before hand? 6
Now enter the posts: hi
hello
data
structure
java
cpp
Before performing any operation the array is:
hi
hello
data
structure
java
copp
Enter the type of operation u want to perform?
1. Insert a new post
2. Delete some old post
Enter the ID of the post which u want to delete? 4 After operations the array of the posts is
hello
data
java
PS E:\MCA\MCA 2nd\DATA STUCTURE\CA1> []
```