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Stream - C.S.E.

Section – A

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Q) Write a menu driven program to implement PUSH, POP, PEEP operations in Stack using array.

Code -

```
}
item = stack_arr[top];
top = top-1;
return item;
         int s;
printf("\nEnter Position for search:->");
scanf("%d",%s);
if( isEmpty() )

           printf("\nStack Underflow\n");
exit(1);
          if(s == MAX -1)
{
           printf("\nThe Stack is Overflow...");
exit(1);
            printf("\nThe Element is:->%d",stack_arr[s-1]);
               if( top == -1 )
return 1;
                       return 0;
printf("\nThe Element is:->%d",stack_arr[s-1]);
               if( top == -1 )
    return 1;
                        return 0;
               if( top == MAX-1 )
    return 1;
                      return 0;
               int i;
if( isEmpty() )
                        printf("\nStack is empty\n");
return;
```

P.T.O.

OUTPUT -

```
1. Push
2. Pop
3. Peep
4. Display all stack elements
5. Quit
Enter your choice: 1
Enter your choice: 1
Enter your choice: 1
Enter the item to be pushed: 46
1. Push
2. Pop
3. Peep
4. Display all stack elements
5. Quit
Enter your choice: 1
Enter the item to be pushed: 46
1. Push
2. Pop
3. Peep
4. Display all stack elements
5. Quit
Enter your choice: 1
Enter the item to be pushed: 46
1. Push
2. Pop
3. Peep
4. Display all stack elements
5. Quit
Enter your choice: 1
Enter the item to be pushed: 98
1. Push
2. Pop
3. Peep
4. Display all stack elements
5. Quit
Enter your choice: 1
Enter the item to be pushed: 98
1. Push
2. Pop
3. Peep
4. Display all stack elements
5. Quit
Enter your choice: 1
Enter the item to be pushed: 34
```

```
Enter your choice : 4

Stack elements :

34

36

46

26

1.Push
2.Pop
3.Peep
4.Push 2.Pop
1.Push
4.Display all stack elements
5.Quit
Enter your choice : 3
Enter Position :->3

The Element is:->90
1.Push
4.Display all stack elements
5.Quit
Enter your choice : 4

Stack elements
5.Quit
1.Push
2.Pop
3.Peep
```