

```

#include <stdio.h>
int main()
{
    int a[5];
    int top=-1,ch;
    for(;ch != 4;)
    {
        printf("Push -1\nPop - 2\nPeep - 3\nExit-4\nUser Choice");
        scanf("%d",&ch);
        switch(ch)
        {
            case 1:    //push
                if(top+1 == 5)
                {
                    printf("Array is Full");
                }
                else
                {
                    printf("Enter the value to be pushed");
                    scanf("%d",&a[++top]);
                }
                break;
            case 2:    //pop
                if(top == -1)
                {
                    printf("Array is Empty");
                }
                else
                {
                    printf("\nPop %d",a[top--]);
                }
                break;
            case 3:    //peep or peek

```

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        if(top == -1)
        {
            printf("Array is Empty");
        }
        else
        {
            printf("\nPeep %d",a[top]);
        }
        case 4:
            break;
        default:
            printf("Wrong Choice");
            break;
    }
}
return 0;
}
```