```c
/*stack*/
#include<stdio.h>
int main()
{
        int n,top=-1;
        printf("enter the value of n\n");
        scanf("%d",&n);
        int a[n];
        printf("enter the values of array\n");
        for(int i=0;i<n;i++)
        {
                scanf("%d",&a[++top]);
        }
        printf("array elements are\n");
        for(int i=0;i<n;i++)
        {
                printf("%d\n",a[i]);
        }
        if(top==n)
        printf("stack is full\n");
        return 0;
}
```

```
enter the value of n
5
enter the values of array
1
2
3
4
5
array elements are
1
2
3
4
5
---------------------------------
Process exited after 5.463 seconds with return value 0
Press any key to continue . . .
```