printf("Item Deleted: %d\n",item del);

default:printf("Invalid choice\n");

30

31

32 33

34

35

36 37 38 break;

break;

break:

case 3: display();

case 0: exit(0);

Scanned with CamScanner

```
defautt:printi( invatid choice\n );
37
    }
38
   }
39
   return 0;
40
41
    void push()
42
43
    if(top==size-1)
44
45
    printf("Stack is filled\n");
46
   return;
47
48
    printf("Enter Item to be inserted in Stack\n");
    fflush(stdin);
    scanf("%d",&item);
49
50
   top++;
51
    arr[top]=item;
52
53
   }
54
   int pop()
55
    {
56
   if(top==-1)
57
    {
58
   return -1;
59
   }
60
   else
61
    {
62
   return arr[top--];
63
    }
64
   void display()
65
66
67
   int i;
68
   if(top==-1)
69
    {
70
    printf("Stack is Empty\n");
71
    }
72
   else
73
    for(i=0;i<=top;i++)
```

8

```
new*
    arr[top]=item;
51
52
53
    }
    int pop()
54
55
    if(top==-1)
56
57
58
    return -1;
59
    }
    else
60
61
    {
    return arr[top--];
62
63
    }
64
    void display()
65
66
    int i;
67
    if(top==-1)
68
69
    printf("Stack is Empty\n");
70
71
    else
72
73
    for(i=0;i<=top;i++)
74
    {
75
    printf("Element %d: %d\n",i+1,arr[i]);
76
77
78
```

