**Stack-**

1. It’s ordered.
2. Works on LIFO.

**Operations-**

1. Push
2. Pop
3. Top
4. IsEmpty
5. Size

[stack operations - Search Images](https://www.bing.com/images/search?view=detailV2&ccid=iBWSEM3P&id=C96CD12C5B6A62488ECFF016549D1D32C93AC2C1&thid=OIP.iBWSEM3PEmBKHNjRKvg5eAHaDv&mediaurl=https%3A%2F%2Fcdn.hashnode.com%2Fres%2Fhashnode%2Fimage%2Fupload%2Fv1615228624240%2FfnIbbsef3.png%3Fauto%3Dcompress%2Cformat%26format%3Dwebp&exph=582&expw=1152&q=stack+operations&simid=608005638881871257&FORM=IRPRST&ck=8D1E05CF8B5317A8D8D8075D17C7F939&selectedIndex=4&itb=1&cw=1375&ch=634&ajaxhist=0&ajaxserp=0)

**Problems:**

1. Parentheses check valid or not
2. String reverse using stack