

```
PS C:\Dev\C\ds7> gcc ds7.c -o ds7
```

```
PS C:\Dev\C\ds7> ./ds7
```

```
Available Commands:
```

```
+x : push x
```

```
- : pop
```

```
P : peek (top)
```

```
L : print stack
```

```
H : help
```

```
HIS: show command history
```

```
S : swap top two
```

```
D : duplicate top
```

```
R : reverse stack
```

```
Enter command: +a
```

```
Enter command: +b
```

```
Enter command: P
```

```
Top: b
```

```
Enter command: -
```

```
Popped: b
```

```
Enter command: L
```

```
Stack: a
```

```
Enter command: S
```

```
Not enough elements to swap.
```

```
Enter command: D
```

```
Enter command: R
```

```
Enter command: H
```

▼ **TERMINAL**

Enter command: S  
Not enough elements to swap.

Enter command: D

Enter command: R

Enter command: H  
Available Commands:  
+x : push x  
- : pop  
P : peek (top)  
L : print stack  
H : help  
HIS: show command history  
S : swap top two  
D : duplicate top  
R : reverse stack

Enter command: HIS  
Command History:  
+a  
+b  
P  
-  
L  
S  
D  
R  
H  
HIS

Enter command: S