

## OUTPUT

### Q1. Tower Of Hanoi

```
linuxmint@jc198:~/Desktop/ARGHA$ gcc towerOfHanoi.c
linuxmint@jc198:~/Desktop/ARGHA$ ./a.out
Enter the number of Disks: 3
Move Disk 1 from Tower 1 -> 3
Move Disk 2 from Tower 1 -> 2
Move Disk 1 from Tower 3 -> 2
Move Disk 3 from Tower 1 -> 3
Move Disk 1 from Tower 2 -> 1
Move Disk 2 from Tower 2 -> 3
Move Disk 1 from Tower 1 -> 3
linuxmint@jc198:~/Desktop/ARGHA$ █
```

### Q2. Reverse a String Using Stack

```
linuxmint@jc198:~/Desktop/ARGHA$ gcc reverse.c
linuxmint@jc198:~/Desktop/ARGHA$ ./a.out
Enter the String: ARGHA
AHGRA
linuxmint@jc198:~/Desktop/ARGHA$ █
```

### Q3. Infix to Postfix Conversion

```
linuxmint@jc198:~/Desktop/ARGHA$ gcc infixToPostfix.c
linuxmint@jc198:~/Desktop/ARGHA$ ./a.out
Enter Infix expression: (A+B)*(C-D)
Postfix Expression: AB+CD-*
linuxmint@jc198:~/Desktop/ARGHA$ █
```

### Q4. Evaluation of Postfix Expression

```
linuxmint@jc198:~/Desktop/ARGHA$ gcc evalPostfix.c
linuxmint@jc198:~/Desktop/ARGHA$ ./a.out
Enter Postfix expression: 553+22+/*
10
linuxmint@jc198:~/Desktop/ARGHA$ █
```