AndoGeeks

➜ **Mohammed Yahya**

➜ **Prikanksha Maheshwari**

➜ **Samridh Sharma**

➜ **Shaivee Kumawat**

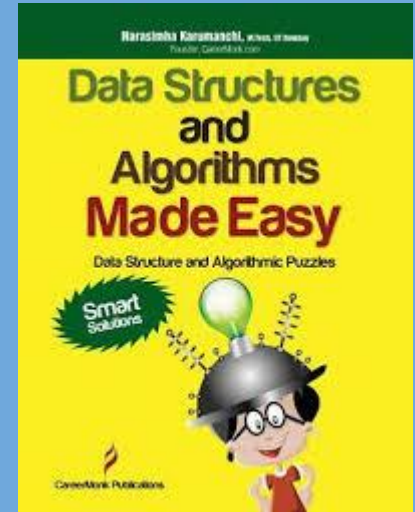# IPP Convertor

A basic need for the people dealing with DSA !

DSA Used :

STACK

Its a linear data structure which follows a particular order in which the operations are performed. The order may be LIFO(Last In First Out) or FILO(First In Last Out).

Some basic operations are performed in the stack -

- **Push:** Adds an item in the stack. If the stack is full, then it is said to be an Overflow condition.

- **Pop:** Removes an item from the stack. The items are popped in the reversed order in which they are pushed. If the stack is empty, then it is said to be an Underflow condition.

- **Peek or Top**: Returns top element of stack.

- **isEmpty:** Returns true if stack is empty, else false.

Stack example

For example, we can place or remove a card or plate from the top of the stack only. Likewise, Stack allows all data operations at one end only. At any given time, we can only access the top element of a stack.

What our App does ??

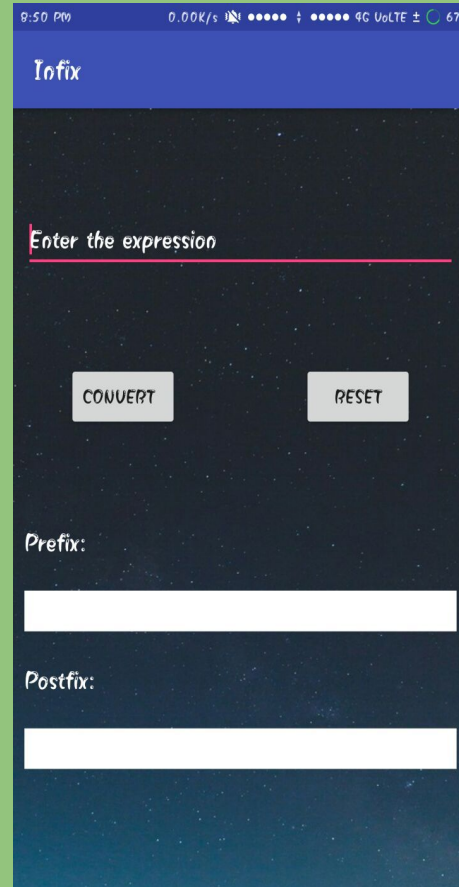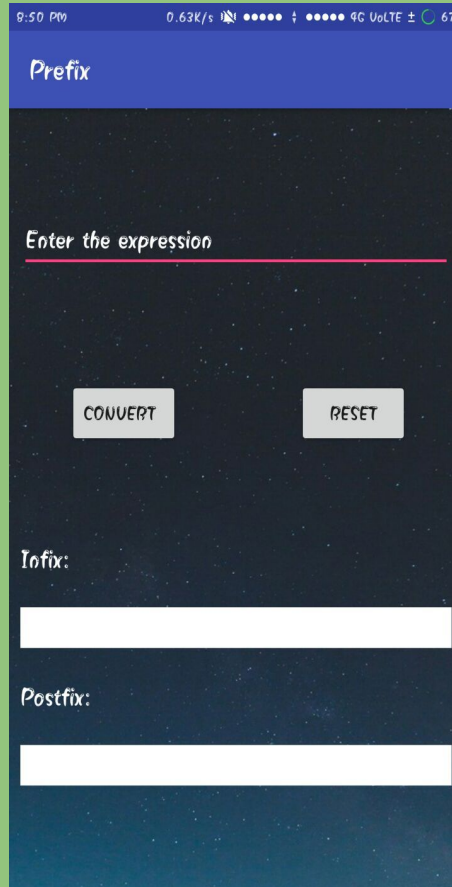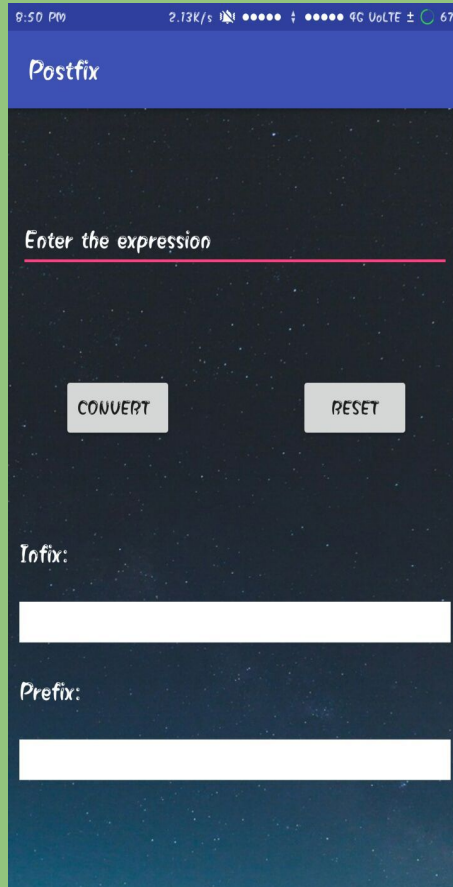It's used for basic conversion between Infix ,Postfix and Prefix.

FEEDBACK

Yahya : Workshop was really good. Our mentor guided very well!!

Prikanksha : Was a good experience. It was one of my memorable workshops .

Shaivee : It was a good start to my learning , and will surely take this to future .

Samridh : Fun learning new things.

Some screenshots at glance ....

IPP Convertor

INFIX

PREFIX

POSTFIX

Postfix

Enter the expression

CONVERT   RESET

Infix:

Prefix:

Prefix

Enter the expression

CONVERT   RESET

Infix:

Postfix:

Infix

Enter the expression

CONVERT   RESET

Prefix:

Postfix:

THANK YOU !