

Write a java programm to execute the following calculator  
If you can execute ( ) operation there be extra point(5 point).

Total 50 points(including extra points 5), extra credit 5 points  
(Calculator example)

The calculator interface consists of a display area at the top showing the number '0'. Below the display is a grid of buttons arranged in 5 rows and 5 columns:

x!	(	)	%	AC
ln	7	8	9	÷
log	4	5	6	×
√	1	2	3	-
x <sup>y</sup>	0	.	=	+

### Precautions(주의사항)

- 예시에 존재하는 버튼들은 모두 구현되어야 합니다.  
(All buttons shown in the example should be Implemented)
- 디자인은 달라도 상관 없습니다.  
(It doesn't matter if the design is different)
- 숫자, 연산자 등의 입력 순서는 Chrome 공학용계산기를 기준으로 채점합니다.  
(It Should be implemented based on Chrome engineering calculator)
- 계산기 History 기능은 구현할 필요 없습니다.  
(The History function of calculator does not need to be implemented)

## **Submission form**

Calculator\_StudentID.java