

## Calculator

```
<<imports>>  
java.util.ArrayDeque  
java.util.Deque  
java.util.Scanner
```

```
+ main(String args): void  
+ unitConv(): void
```

```
- numConvert(): void  
- constant(): void  
- speed(): void  
- convertSpeed(double, String, String): double  
- length(): void  
- convertLength(double, String, String): double  
- area(): void  
- convertArea(double, String, String): double  
- volume(): void  
- convertVolume(double, String, String): double  
- force(): void  
- convertForce(double, String, String): double  
- pressure(): void  
- convertPressure(double, String, String): double  
- energy(): void  
- convertEnergy(double, String, String): double  
- mass(): void  
- convertMass(double, String, String): double  
- heat(): void  
- convertHeat(double, String, String): double  
- temperature(): void  
- convertTemperature(double, String, String):  
double  
- power(): void  
- convertPower(double, String, String): double  
- data(): void  
- convertData(double, String, String): double  
- simpleCalc(): void  
- evaluate(String): double  
- applyOperation(char, double, double): double  
- getPrecedence(char): int  
- checkPrecedence(char, char): boolean  
- isOpeningBracket(char): boolean  
- factorial(int): long  
- trigonometricFunctions(): void
```