Using ' **cd** ' - navigate to the directory where sv.java is.

```
C:\Users\lenovo>cd Downloads
```

```
C:\Users\lenovo\Downloads>cd Sudoku-Validator-main
```

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main>cd Sudoku-Validator-main
```

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main>cd src
```

Enter ' **javac *.java** ' command to reads files and complies them into class files: javac *.java

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main\src>javac *.java
```

Using ' **cd ..** ' will move you up one directory

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main\src>cd ..
```

Run with ' **java -classpath . src.sv [file-name]** '

If the file argument is missing:

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main>java -classpath . src.sv
File Arguement is missing
```

If the file does not exist:

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main>java -classpath . src.sv another_file_name
This File doesn't exist
```

Given SUDOKU is not valid

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main>java -classpath . src.sv rowError
4, 3, 2, 2, 6, 9, 7, 8, 1
6, 8, 5, 5, 7, 1, 4, 9, 3
1, 9, 7, 8, 3, 4, 5, 6, 2
8, 2, 6, 1, 9, 5, 3, 4, 7
3, 7, 4, 6, 8, 2, 9, 1, 5
9, 5, 1, 7, 4, 3, 6, 2, 8
5, 1, 9, 3, 2, 6, 8, 7, 4
2, 4, 8, 9, 5, 7, 1, 3, 6
7, 6, 3, 4, 1, 8, 2, 5, 9
Sudoku is not valid
```

Given SUDOKU is valid

```
C:\Users\lenovo\Downloads\Sudoku-Validator-main\Sudoku-Validator-main>java -classpath . src.sv basicGrid
1, 2, 3, 4, 5, 6, 7, 8, 9
4, 5, 6, 7, 8, 9, 1, 2, 3
7, 8, 9, 1, 2, 3, 4, 5, 6
9, 1, 2, 3, 4, 5, 6, 7, 8
3, 4, 5, 6, 7, 8, 9, 1, 2
6, 7, 8, 9, 1, 2, 3, 4, 5
8, 9, 1, 2, 3, 4, 5, 6, 7
2, 3, 4, 5, 6, 7, 8, 9, 1
5, 6, 7, 8, 9, 1, 2, 3, 4
Sudoku is valid
```