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## ➔ **Introduction:**

Let's play a game which can take us all back to our childhood

## ➔ **Requirements:**

1. Any IDE is fine(Preferred: Visual Studio Code)
2. Java Development Kit installed properly and Variable Path set accordingly.

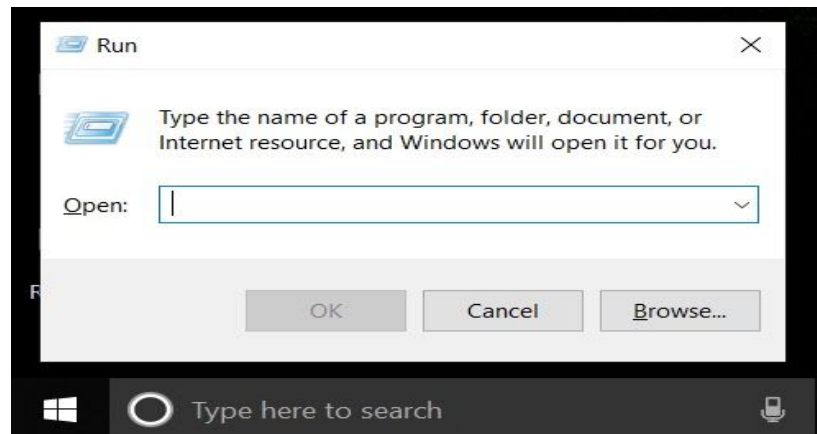
## ➔ **Rules:**

1. You are presented with a board of squares. Some squares contain mines (bombs), others don't. If you click on a square containing a bomb, you lose. If you manage to click all the squares (without clicking on any bombs you win.
2. To open a square, point at the square and click on it.
3. Clicking a square which doesn't have a bomb reveals the number of neighbouring squares containing bombs.
4. If you open a square with 0 neighbouring bombs, all its neighbours will automatically open. This may cause a large area to open automatically.
5. If you want to win, all you have to do is open all non-bomb boxes.
6. Once the game is ended don't stop until you master it. Click on Play Again.

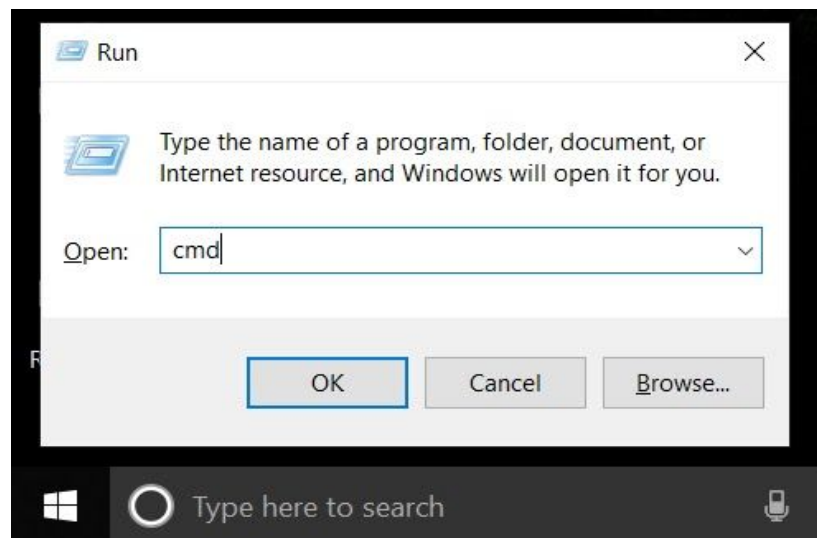
## →How to run?

### → Windows:

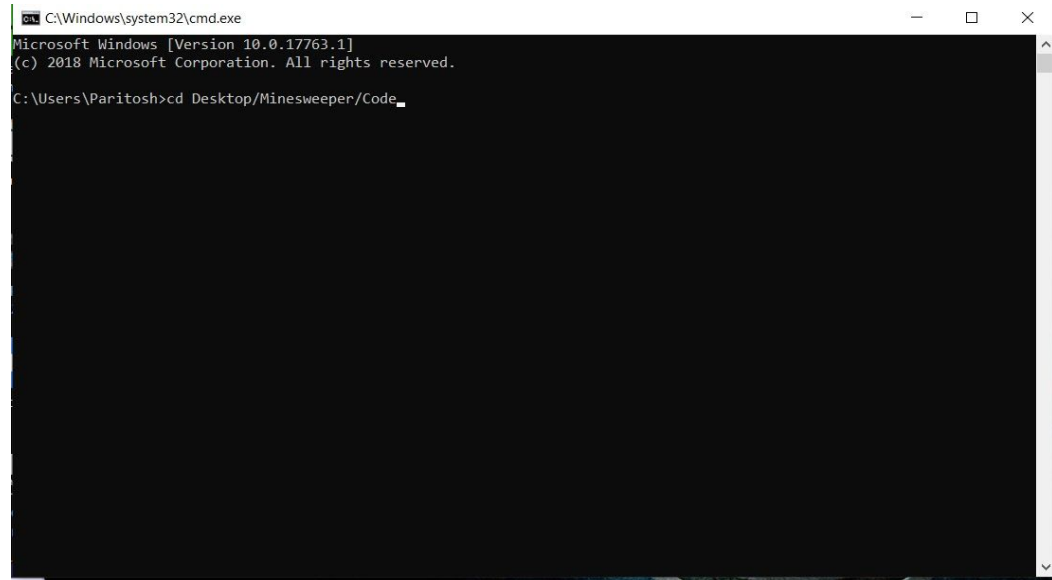
1. Press **Win + R**



2. Type **cmd** in dialogue box



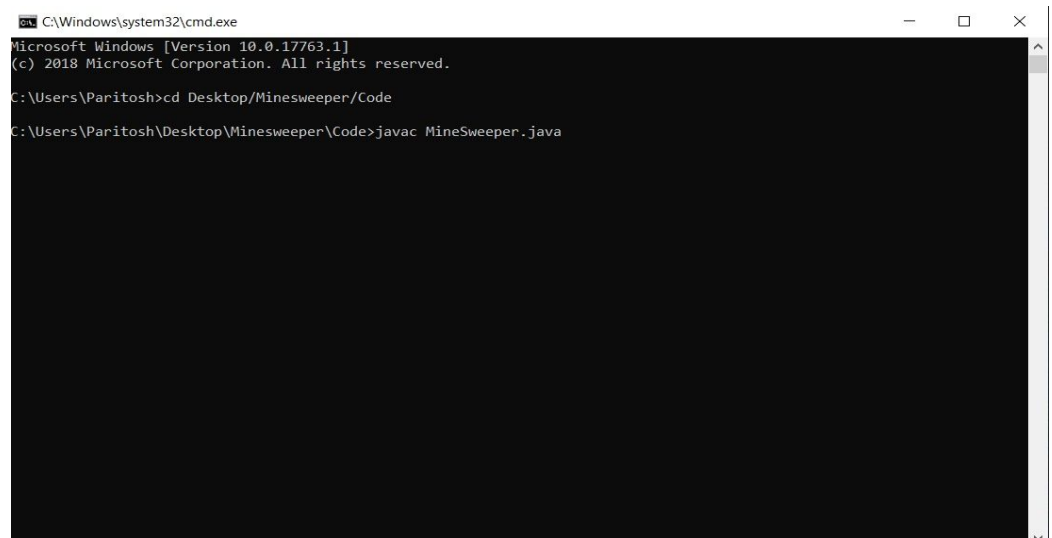
### 3. Type `cd` “Destination for source code and class file”



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17763.1]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Paritosh>cd Desktop/Minesweeper/Code_
```

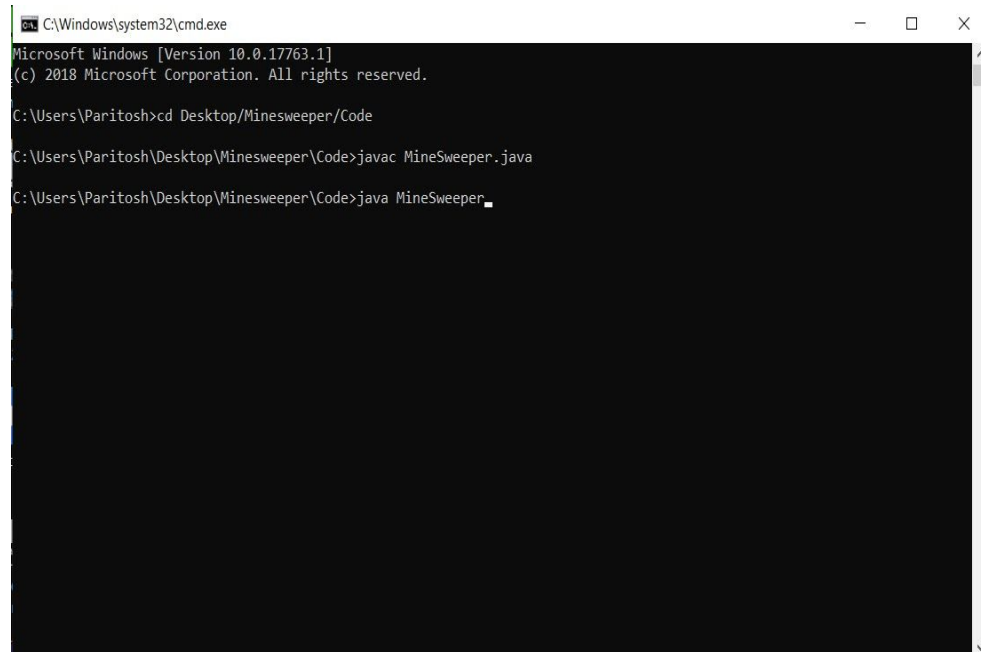
### 4. Type `javac` MineSweeper.java (compiling source code)



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17763.1]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Paritosh>cd Desktop/Minesweeper/Code
C:\Users\Paritosh\Desktop\Minesweeper\Code>javac MineSweeper.java
```

## 5. Type java Minesweeper (running class file)



```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17763.1]
(c) 2018 Microsoft Corporation. All rights reserved.

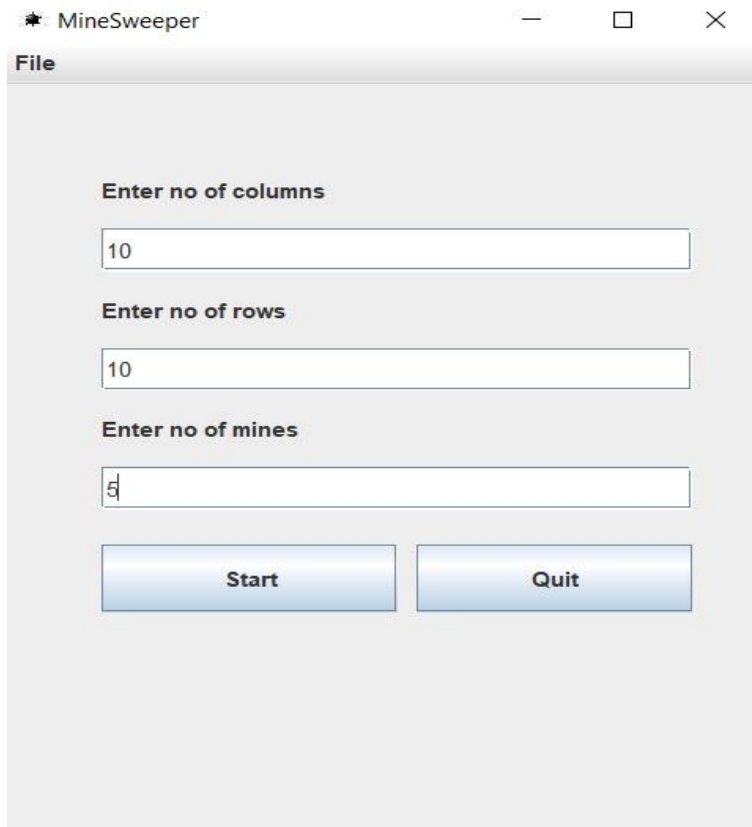
C:\Users\Paritosh>cd Desktop\Minesweeper\Code
C:\Users\Paritosh\Desktop\Minesweeper\Code>javac Minesweeper.java
C:\Users\Paritosh\Desktop\Minesweeper\Code>java Minesweeper
```

### → Linux:

1. Go to Destination Directory
2. Right-Click on blank screen
3. Click on **Open in terminal**
4. Type `javac Minesweeper.java` (compiling source code)
5. Type `java Minesweeper` (running class file)

## → Demonstration:

1. Enter valid inputs as you wish



The screenshot shows a window titled "MineSweeper" with a standard macOS-style title bar (minimize, maximize, close buttons). Below the title bar is a menu bar with the word "File". The main content area has a light gray background and contains three input sections:

- Enter no of columns**: A text input field containing the number "10".
- Enter no of rows**: A text input field containing the number "10".
- Enter no of mines**: A text input field containing the number "5".

At the bottom of the form are two buttons: "Start" and "Quit", both with a blue gradient and rounded corners.

2. Enjoy playing!