

The screenshot shows an IDE window with a project named "minesweeper-game" and a file named "Minesweeper.java". The code is written in Java and implements a Minesweeper game. The game is currently in the "Choose a difficulty level" phase, with options: 1. Beginner (9x9 grid with 10 mines), 2. Intermediate (16x16 grid with 40 mines), and 3. Expert (16x30 grid with 99 mines). The user has chosen level 1. The game board is displayed as a 9x9 grid of dashes, representing hidden cells. The status bar at the bottom indicates the current file is "minesweeper-game > src > Minesweeper.java".

```
Project: minesweeper-game
Run: Minesweeper
C:\Program Files\Java\jdk-23\bin\java.exe "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3.2\lib\idea_rt.jar=54898:C:\Program Files\JetBrains\IntelliJ IDEA 2024.3.2\bin" -Dfile.encoding=UTF-8
Welcome to Minesweeper!

Choose a difficulty level:
1. Beginner (9x9 grid with 10 mines)
2. Intermediate (16x16 grid with 40 mines)
3. Expert (16x30 grid with 99 mines)
Enter your choice: 1

Mines remaining: 10 | Time elapsed: 4.472s
 1 2 3 4 5 6 7 8 9
1 - - - - - - - - -
2 - - - - - - - - -
3 - - - - - - - - -
4 - - - - - - - - -
5 - - - - - - - - -
6 - - - - - - - - -
7 - - - - - - - - -
8 - - - - - - - - -
9 - - - - - - - - -

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command: u 5 5

Mines remaining: 10 | Time elapsed: 12.342s
 1 2 3 4 5 6 7 8 9
1 - - - - - - - - -
```

The screenshot shows a Windows 11 desktop with a VS Code editor. The editor has two tabs: 'minesweeper-game' and 'master'. The 'minesweeper-game' tab is active, showing a Java file named 'Minesweeper.java'. The code displays a 10x10 grid of mines and the user's input commands. The status bar at the bottom shows the file path 'minesweeper-game > src > Minesweeper', the current file 'Minesweeper.java', and the encoding 'UTF-8'.


```
minesweeper-game master Minesweeper.java
Run Minesweeper Minesweeper
- Flag Cell: f row col
Enter your command: f 2 3
f 3 6
f 8 7
Mines remaining: 9 | Time elapsed: 25.508s
 1 2 3 4 5 6 7 8 9
1 | - | - | - | - | - | - | - | - |
2 | - | - | F | - | - | - | - | - | - |
3 | - | - | - | - | - | - | - | - | - |
4 | - | - | - | 2 | - | 2 | - | - | - |
5 | - | - | - | 4 | 3 | - | - | - | - |
6 | - | - | - | - | - | 2 | - | - | - |
7 | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | - | - | - |
9 | - | - | - | - | - | - | - | - | - |

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command:
Mines remaining: 8 | Time elapsed: 25.509s
 1 2 3 4 5 6 7 8 9
1 | - | - | - | - | - | - | - | - |
2 | - | - | F | - | - | - | - | - | - |
3 | - | - | - | - | - | - | F | - | - |
4 | - | - | - | 2 | - | 2 | - | - | - |
5 | - | - | - | 4 | 3 | - | - | - | - |
6 | - | - | - | - | - | 2 | - | - | - |
7 | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | - | - | - |
9 | - | - | - | - | - | - | 2 | - | - |
```

```
minesweeper-game master Minesweeper.java
Run Minesweeper Minesweeper
 2 | - | - | F | - | - | - | - | - | - |
 3 | - | - | - | - | - | - | F | - | - |
 4 | - | - | - | 2 | - | 2 | - | - | - |
 5 | - | - | - | 4 | 3 | - | - | - | - |
 6 | - | - | - | - | - | 2 | - | - | - |
 7 | - | - | - | - | - | - | - | - | - |
 8 | - | - | - | - | - | - | - | - | - |
 9 | - | - | - | - | - | - | - | - | - |

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command:
Mines remaining: 7 | Time elapsed: 25.511s
 1 2 3 4 5 6 7 8 9
1 | - | - | - | - | - | - | - | - |
2 | - | - | F | - | - | - | - | - | - |
3 | - | - | - | - | - | - | F | - | - |
4 | - | - | - | 2 | - | 2 | - | - | - |
5 | - | - | - | 4 | 3 | - | - | - | - |
6 | - | - | - | - | - | 2 | - | - | - |
7 | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | F | - | - |
9 | - | - | - | - | - | - | - | - | - |

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command: u 3 4
```

```
minesweeper-game  master  Minesweeper.java
Run  Minesweeper  Minesweeper
- Flag Cell: f row col
Enter your command: u 3 4
u 6 8
u 7 3
Mines remaining: 7 | Time elapsed: 30.412s
 1 2 3 4 5 6 7 8 9
1 | - | - | - | - | - | - | - | - |
2 | - | - | F | - | - | - | - | - | - |
3 | - | - | - | - | 2 | - | F | - | - | - |
4 | - | - | - | 2 | - | 2 | - | - | - | - |
5 | - | - | - | - | 4 | 3 | - | - | - | - |
6 | - | - | - | - | - | - | 2 | - | - | - |
7 | - | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | - | F | - | - |
9 | - | - | - | - | - | - | - | - | - | - |

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command:
Mines remaining: 7 | Time elapsed: 30.413s
 1 2 3 4 5 6 7 8 9
1 | - | - | - | - | - | - | - | - | - |
2 | - | - | F | - | - | - | - | - | - | - |
3 | - | - | - | 2 | - | F | - | - | - | - |
4 | - | - | - | 2 | - | 2 | - | - | - | - |
5 | - | - | - | - | 4 | 3 | - | - | - | - |
6 | - | - | - | - | - | - | 2 | - | - | - |
7 | - | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | - | F | - | - |
9 | - | - | - | - | - | - | - | - | - | - |

minesweeper-game  src  Minesweeper  221.2  LF  UTF-8  4 spaces
67°F Sunny  Search  10:51 AM 3/21/2025
```

```
minesweeper-game  master  Minesweeper.java
Run  Minesweeper  Minesweeper
7 | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | - | F | - | - |
9 | - | - | - | - | - | - | - | - | - | - |

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command: u 3 4
u 6 8
u 7 3
Mines remaining: 7 | Time elapsed: 30.412s
 1 2 3 4 5 6 7 8 9
1 | - | - | - | - | - | - | - | - | - |
2 | - | - | F | - | - | - | - | - | - | - |
3 | - | - | - | 2 | - | F | - | - | - | - |
4 | - | - | - | 2 | - | 2 | - | - | - | - |
5 | - | - | - | - | 4 | 3 | - | - | - | - |
6 | - | - | - | - | - | - | 2 | - | - | - |
7 | - | - | - | - | - | - | - | - | - | - |
8 | - | - | - | - | - | - | - | F | - | - |
9 | - | - | - | - | - | - | - | - | - | - |

Commands:
- Uncover Cell: u row col
- Flag Cell: f row col
Enter your command:
Mines remaining: 7 | Time elapsed: 30.413s
 1 2 3 4 5 6 7 8 9
```

