

ALL PAIRS SHORTEST PATH ALGORITHM USING JAVA

Output :

****ALL PAIRS SHORTEST PATH****

Enter no. of vertices :

18°C Haze

Search

ENG IN

08:32 14-11-2022

Output :

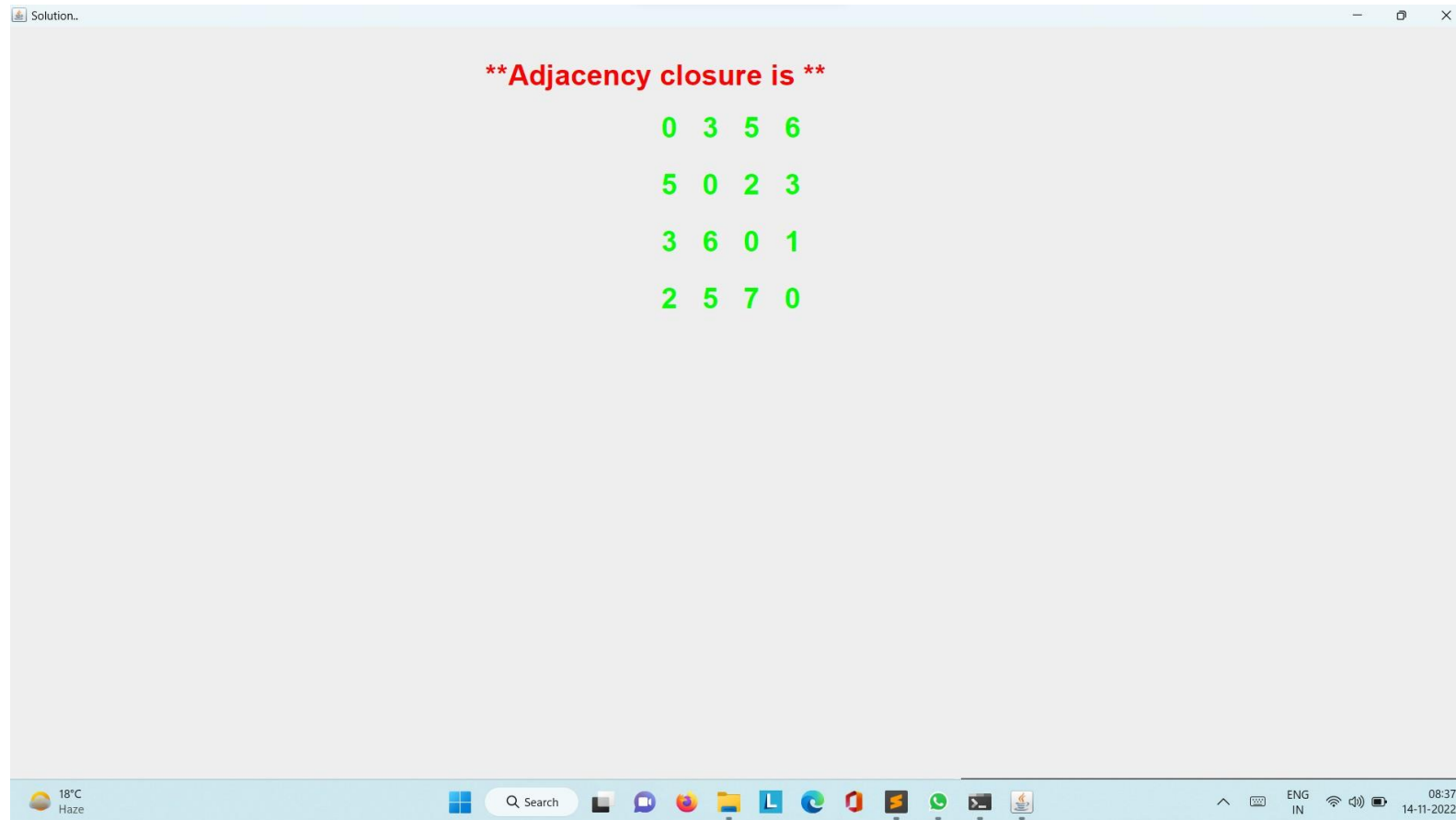
Store Values

| | | | |
|------------------|-----|------------------|-----|
| Value for 1-1:-> | 0 | Value for 3-1:-> | 5 |
| Value for 1-2:-> | 3 | Value for 3-2:-> | 999 |
| Value for 1-3:-> | 999 | Value for 3-3:-> | 0 |
| Value for 1-4:-> | 7 | Value for 3-4:-> | 1 |
| Value for 2-1:-> | 8 | Value for 4-1:-> | 2 |
| Value for 2-2:-> | 0 | Value for 4-2:-> | 999 |
| Value for 2-3:-> | 2 | Value for 4-3:-> | 999 |
| Value for 2-4:-> | 999 | Value for 4-4:-> | 0 |

Solution

18°C Haze Search ENG IN 08:36 14-11-2022

Output :



The screenshot shows a Windows desktop environment. A terminal window titled "Solution..." is open, displaying the following text:

```
**Adjacency closure is **  
0 3 5 6  
5 0 2 3  
3 6 0 1  
2 5 7 0
```

The text is displayed in a green monospace font. Below the terminal window, the Windows taskbar is visible, showing the Start button, a search bar, and several pinned application icons. The system tray on the right indicates the temperature is 18°C with Haze, the language is set to English (India), and the date and time are 08:37 on 14-11-2022.

Output :

All Pairs

****ALL PAIRS SHORTEST PATH****

Enter no. of vertices :

Get

18°C Haze

Search

ENG IN

08:38 14-11-2022

Output :

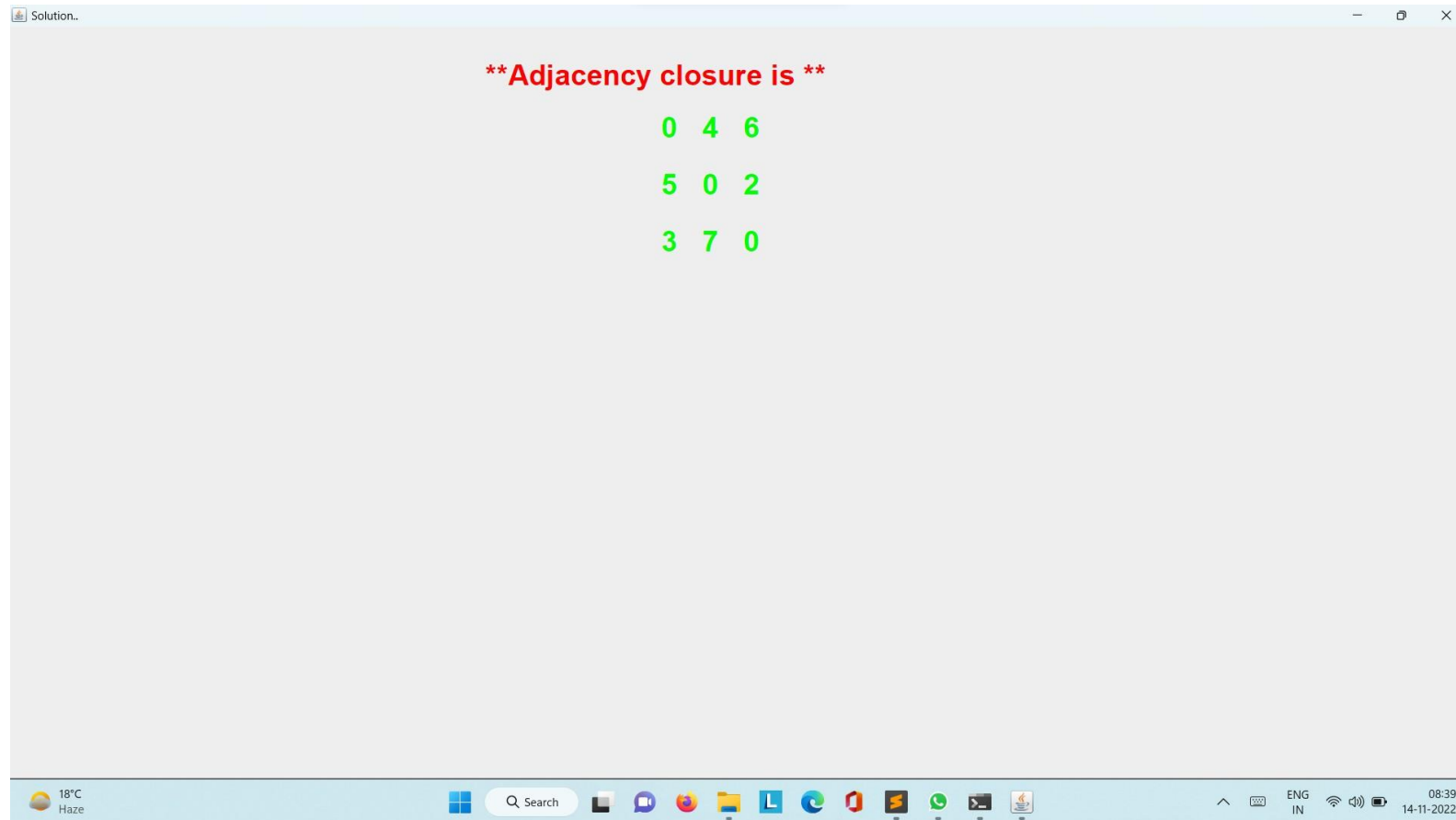
Store Values

| | |
|---------------|-----|
| Value for 1-1 | 0 |
| Value for 1-2 | 4 |
| Value for 1-3 | 11 |
| Value for 2-1 | 6 |
| Value for 2-2 | 0 |
| Value for 2-3 | 2 |
| Value for 3-1 | 3 |
| Value for 3-2 | 999 |
| Value for 3-3 | 0 |

Solution

18°C Haze 08:39 14-11-2022

Output :



A screenshot of a Windows desktop environment. A terminal window titled "Solution..." is open, displaying the following text:

```
**Adjacency closure is **  
0 4 6  
5 0 2  
3 7 0
```

The text is displayed in a monospaced font. The first line is in red, and the subsequent three lines are in green. The terminal window is positioned in the upper half of the screen. The Windows taskbar is visible at the bottom, showing the Start button, a search bar, and several application icons. The system tray on the right indicates the date and time as 14-11-2022, 08:39, and the language as ENG IN.