

Program 2: Design a Student Record Web Page Using CSS Keyframe Animation

Aim

To design a Student Record webpage and apply **CSS keyframe animation** for text/card effects.

Software Required

- VS Code / Notepad++
 - Browser: Chrome
-

Theory

CSS Keyframe Animation is used to create animations by defining key points of style changes over time.

Syntax:

```
@keyframes animationName {  
    0% {}  
    100% {}  
}
```

Steps / Procedure

1. Open **VS Code / Notepad++**.
2. Create a new file and save as **student_record_animation.html**.
3. Write the HTML structure for:
 - Student Record Title
 - Student details displayed using a <table>
4. Create a container <div> with class **card** to show the student record.

5. Inside <style> tag, apply CSS for:
 - o body (background + center alignment)
 - o card (width, padding, border-radius, shadow)
 - o table (borders + spacing)
6. Create keyframe animations using:
 - o @keyframes slideIn (card comes from top with fade-in)
 - o @keyframes glowText (title color glow effect)
7. Apply animations using:
8. animation: slideIn 2s ease;
and animation: glowText 2s
infinite alternate;
9. Save the file.
10. Run the HTML file in browser.
11. Verify:
 - o Card slides in smoothly
 - o Title text glows continuously

Program Code

File: student_record_animation.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Online News Portal - Animation</title>
```

```
<style>
```

```
/* Page Styling */

body {
    margin: 0;
    font-family: Segoe UI, sans-serif;
    background: linear-gradient(to right, #141e30, #243b55);
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
}
```

```
/* News Card */

.news-card {
    width: 550px;
    padding: 30px;
    background: white;
    border-radius: 15px;
    box-shadow: 0px 10px 30px rgba(0,0,0,0.4);
    animation: slideNews 2s ease;
}
```

```
/* Animated Headline */

h2 {
```

```
text-align: center;  
  
animation: glowHeadline 2s infinite alternate;  
  
}
```

```
/* News Content */
```

```
.news-content {  
  
margin-top: 20px;  
  
font-size: 17px;  
  
line-height: 1.6;  
  
}
```

```
/* News Labels */
```

```
.label {  
  
font-weight: bold;  
  
color: #1e3c72;  
  
}
```

```
/* Animated Button */
```

```
button {  
  
margin-top: 20px;  
  
padding: 10px 20px;  
  
background: #ff006e;  
  
color: white;
```

```
border: none;  
  
border-radius: 8px;  
  
cursor: pointer;  
  
animation: pulseButton 1.5s infinite;  
  
}  
  
/* ----- */
```

```
/* Keyframe Animations */
```

```
/* ----- */
```

```
/* Slide In Effect */
```

```
@keyframes slideNews {
```

```
from {
```

```
transform: translateY(-80px);
```

```
opacity: 0;
```

```
}
```

```
to {
```

```
transform: translateY(0);
```

```
opacity: 1;
```

```
}
```

```
}
```

```
/* Glowing Headline */
```

```
@keyframes glowHeadline {  
from {  
color: #1e3c72;  
text-shadow: 0 0 5px #4facfe;  
}  
  
to {  
color: #ff006e;  
text-shadow: 0 0 15px orange;  
}  
}
```

```
/* Pulsing Button */
```

```
@keyframes pulseButton {  
0% { transform: scale(1); }  
50% { transform: scale(1.1); }  
100% { transform: scale(1); }  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="news-card">

<h2>📰 Breaking International News</h2>

<div class="news-content">

<p><span class="label">Headline:</span> Global AI Summit 2026 Concludes Successfully</p>

<p><span class="label">Location:</span> Geneva, Switzerland</p>

<p><span class="label">Category:</span> Technology & Innovation</p>

<p><span class="label">Summary:</span> World leaders and technology experts gathered to
discuss artificial intelligence advancements, ethical AI systems, and global digital
transformation strategies.</p>

</div>

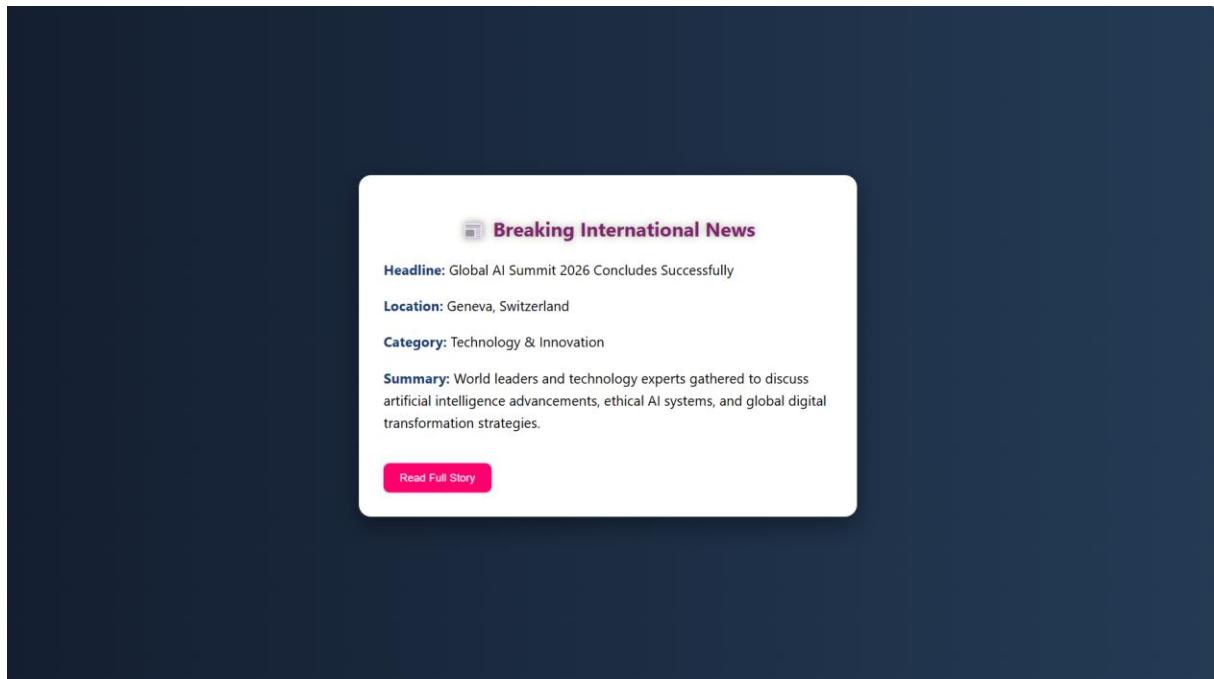
<button>Read Full Story</button>

</div>

</body>

</html>
```

Output



Result

Thus, a Student Record Web Page was designed and CSS keyframe animation was implemented successfully.