



Unidad Profesional Interdisciplinaria de Ingeniería Campus Tlaxcala.

TECNOLOGÍAS PARA EL DESARROLLO DE APLICACIONES WEB

Inteligencia Artificial.

Profesor:

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Presenta:

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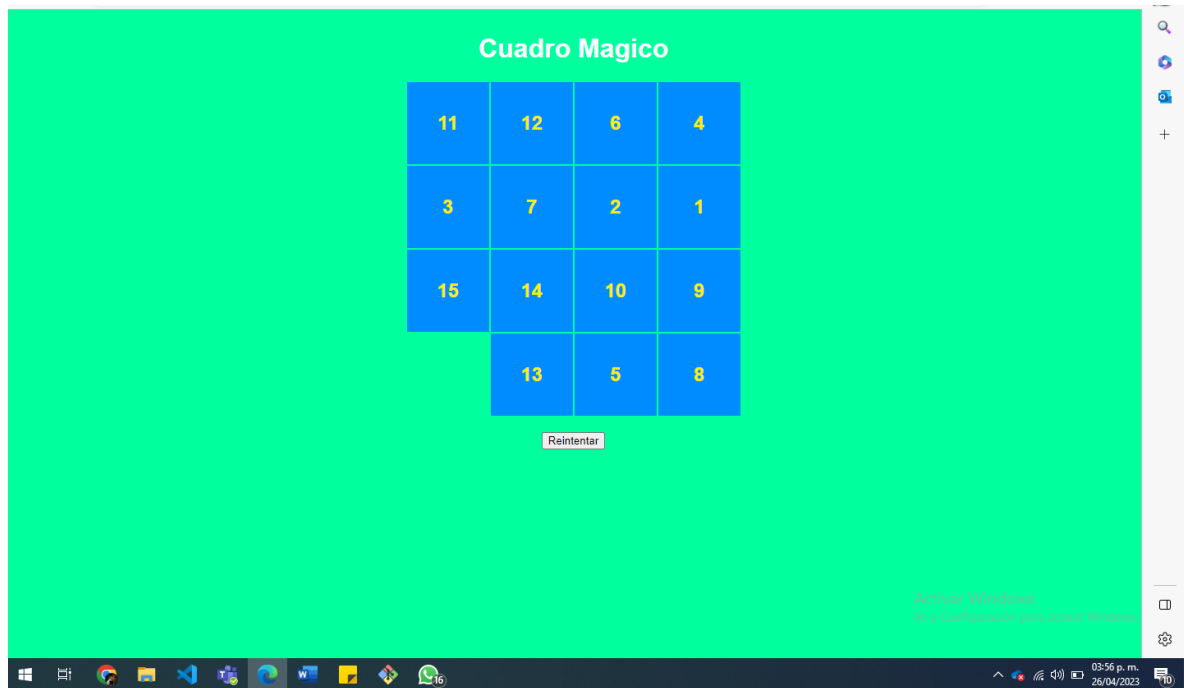
Trabajo:

Practica 12

Calificación:

Ejercicio 1

Captura de funcionamiento



Ejercicio 2

Captura de funcionamiento

Galería de animales



```
1  class Image {
2    constructor(src) {
3      this.element = document.createElement('img');
4      this.element.src = src;
5    }
6  }
7
8  class Modal {
9    constructor() {
10     this.currentIndex = null;
11     this.modalView = document.querySelector('#modal-view');
12     this.albumView = document.querySelector('#album-view');
13     this.createThumbnails();
14     this.setupEventListeners();
15   }
16
17   createThumbnails() {
18     for (let i = 0; i < PHOTO_LIST.length; i++) {
19       const photoSrc = PHOTO_LIST[i];
20       const image = new Image(photoSrc);
21       image.element.dataset.index = i;
22       image.element.addEventListener('click', this.onThumbnailClick.bind(this));
23       this.albumView.appendChild(image.element);
24     }
25   }
26
27   setupEventListeners() {
28     this.modalView.addEventListener('click', this.onModalClick.bind(this));
29   }
30
31   hideModal() {
32     document.body.classList.remove('no-scroll');
33     this.modalView.classList.add('hidden');
34     this.modalView.innerHTML = '';
35     document.removeEventListener('keydown', this.nextPhoto.bind(this));
36   }
```

```
--
31  hideModal() {
32    document.body.classList.remove('no-scroll');
33    this.modalView.classList.add('hidden');
34    this.modalView.innerHTML = '';
35    document.removeEventListener('keydown', this.nextPhoto.bind(this));
36  }
37
38  nextPhoto(event) {
39    if (event.key === 'Escape') {
40      this.hideModal();
41      return;
42    }
43
44    if (event.key !== 'ArrowLeft' && event.key !== 'ArrowRight') {
45      return;
46    }
47
48    let nextIndex = this.currentIndex;
49
50    if (event.key === 'ArrowLeft') {
51      nextIndex--;
52    } else {
53      nextIndex++;
54    }
55
56    if (nextIndex < 0 || nextIndex === PHOTO_LIST.length) {
57      return;
58    }
59
60    const photoSrc = PHOTO_LIST[nextIndex];
61
62    this.modalView.innerHTML = '';
63
64    const image = new Image(photoSrc);
65
66    this.modalView.appendChild(image.element);
67    this.currentIndex = nextIndex;
68  }
69
70  onThumbnailClick(event) {
71    this.currentIndex = event.currentTarget.dataset.index;
72
73    const image = new Image(event.currentTarget.src);
74
75    document.body.classList.add('no-scroll');
76    this.modalView.style.top = window.pageYOffset + 'px';
77    this.modalView.appendChild(image.element);
78    this.modalView.classList.remove('hidden');
79
80    document.addEventListener('keydown', this.nextPhoto.bind(this));
81  }
82 }
```

```
83
84     onModalClick() {
85         this.hideModal();
86     }
87 }
88
89 // Main
90 const modal = new Modal();
```