(this selement find('.next. .prev') length && s this delement trigger (5 support trans Andrea Jane C. Lato rt_order = array(); this.interval = clearInterval(this.interval) ORTEOLIO #24 (Innext. length) \$next = this.\$element.find('.item')[fallback]() Inguage get('error_shipping methods');

```
(this Selement find('.next, .prev') length 82 $ supr
                                                                   this.$element.trigger($.support.transition
                                                                  this.interval = clearInterval(this.interval)
       ($quotes as $key => $value) {
                                                                            ype.next function () {
  $this->session->data['lpa']['shipping_methods'] = $quote
  $this >session >data['lpa']['address'] = $address;
                                                                                    function () {
    Computer H
                                                                              ardware
     $json['quotes'] = $quotes;
                                                                                          ind('.item.active')
                                                                  var istyclj
                                                                      allback
               hthis language get('error_shipping_methods');
                                                                    direction: direction
$this response addHeader('Contest-Type: application/json');
```

```
$sort_order[$key] = $value['sort
Sthis->session- data[\pa']['shippin
othis session date[[]pe']['address
    isset($this->session-data los
               this language get
```

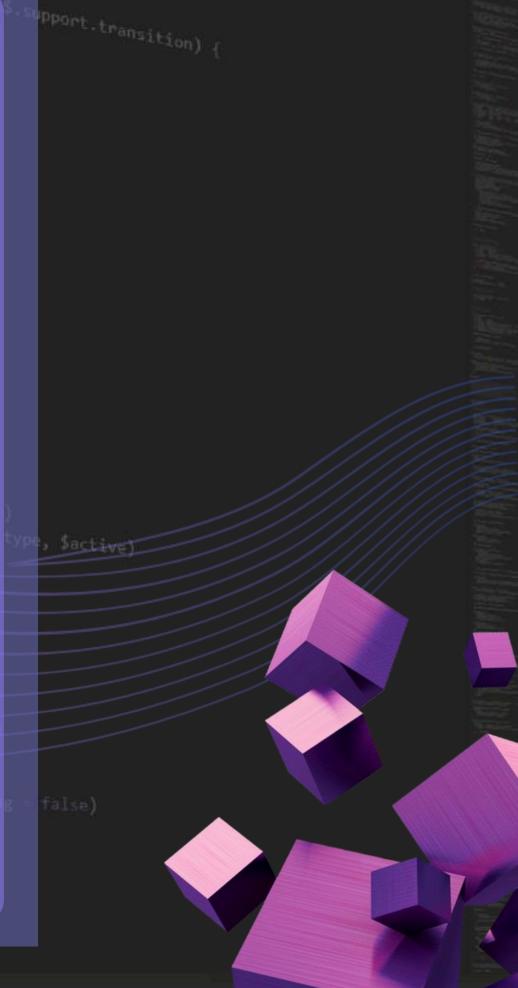
Computer Hardware

Computer hardware refers to the physical components of a computer system that you can touch. These components work together to process information.

(this Selement

Key Components:

- Central Processing Unit (CPU): The "brain" of the computer, responsible for executing instructions.
- Random Access Memory (RAM): Temporary storage for data and instructions being actively used.
- Motherboard: The main circuit board that connects all the components.
- Storage Devices: Hard disk drives (HDDs) and solid-state drives (SSDs) for storing data.
- Input Devices: Keyboard, mouse, scanner, etc. for inputting data.
- Output Devices: Monitor, printer, speakers, etc. for displaying or outputting information.



Importance of Computer Hardware

Computer hardware is the essential physical foundation that powers our digital world, enabling information processing, data storage, communication, user interaction, and visualization, ultimately driving innovation and progress across various sectors, including education, healthcare, government, and business.

Analysis/Reaction \$sor_order[\$key] = \$value['sort_order

rray_multisort(\$sort_order, SORT_AS Computer hardware refers to the basic physical infrastructure of our world of computers enabling the processing of information, storing data, communicating, interacting with humans, and visualization. They have revolutionized industries, and their developments are being made at an incredible speed, driving innovation and advancement in education, health care, government, and business. Still, we enjoy its advances, but we need to ensure that technology is

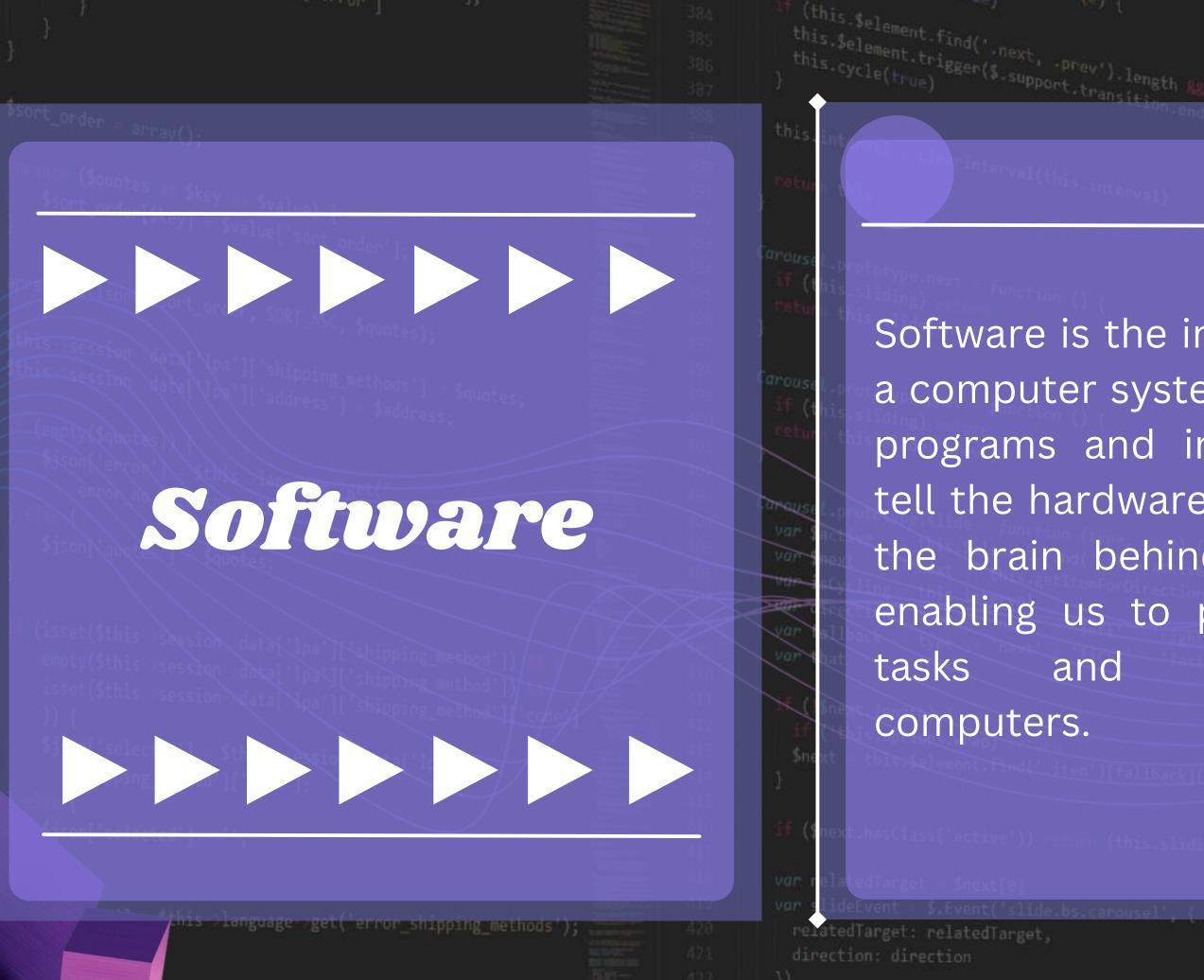
used responsibly and sustainably.

```
$json['quotes'] = $quotes;
```

Ort Order

```
Carousel.prototype.slide = function (type, next) {
```

```
(this Selement find('.next, .prev') length && $.supr
                                                                                      this.Jelement.trigger($.support.transition
                                                                                    this.interval = clearInterval(this.interval)
                                                                                                                                                 Filtion
                                                                                                  ype.next function () (
                                                                                           this/sl/de('next')
  $this->session->data['lpa']['shipping_methods'] = $quote
  $this->session->data['lpa']['address'] = $address;
                                                                                                                      (type, next) {
                                                                                     van isCycli
                                                                                          allback
                                                                                        (Binext. In
                   >this >language >get('error_shipping_methods');
$this->response->addHeader('Contest-Type: application/json');
```



Software is the intangible part of a computer system, consisting of programs and instructions that tell the hardware what to do. It's the brain behind the machine, enabling us to perform various tasks and interact with computers.

relatedTarget: relatedTarget,

his.\$element.trigger(\$.support.tran

Key Components of Software

Software can be broadly categorized into two main types:

1. System Software:

- o Operating Systems: The core software that manages hardware and software resources. Examples: Windows, macOS, Linux.
- Device Drivers: Software that allows hardware devices to communicate with the operating system.
- Utility Software: Programs that perform specific tasks like antivirus, disk cleanup, and file compression.

nis language get('error shipping methods');

Key Components of Software

Application Software:

(this delement find(' next, prev') length a

this.\$element.trigger(\$.support.tra

- Productivity Software: Tools for general tasks like word processing, spreadsheets, and presentations.
- Specialized Software: Programs designed for specific industries or tasks, such as CAD software for engineering or medical software for healthcare.
- Entertainment Software: Games, media players, and other software for leisure.



relatedTarget: relatedTarget,

Analysis/Reaction

Software, or in other words, the non-physical part of a computer system, has brought about complete revolutions in the way people live and work. Automation and connectivity throughout the world, as well as access to information, are some of the benefits software provides. However, it also poses security risks and ethical implications that should be considered by the users while using technology.

this.slide('mext')

```
$json['quotes'] = $quotes;

if (isset($this->session->data['lpa']['shipping_method']) && !
    empty($this->session->data['lpa']['shipping_method']) && !
    isset($this->session->data['lpa']['shipping_method']['code']
})) {
    $json['selected'] = $this->session->data['lpa']['
        shipping_method']['code'];
}

{
    ['selected'] = '';
}

a['selected'] = '';
```

cont_order = array();

\$sor _order[\$key] = \$value['sort_order

irray_multisort(\$sort_order, SORT_ASC, \$quotes);



Hardware and software are integral to the operations of modern institutions. In educational institutions, hardware like computers, servers, and projectors, and software like learning management systems and productivity suites are essential.

this >language >get('error_shipping_methods');

(isset(\$this-)session data['lpa']['shipping_method

\$json['selected'] = \$this->session->data['lpa'][

empty(\$this->session->data['lpa']['shipp

|son['selected'] = '';

institutions in the community

(this \$element find('.next, .prev') length && s

this.selement.trigger(5-support.transis

Healthcare institutions rely on hardware such as medical imaging equipment and EHR systems, as well as software for patient records and medical billing. Government institutions utilize hardware like servers and cybersecurity equipment, and software for governance, data analysis, and financial management. Businesses employ hardware like computers, servers, and network infrastructure, and software like productivity suites, accounting software, and CRM systems. Other institutions, like libraries, retail stores, and media organizations, also leverage hardware and software for their specific needs.

Their implementation in the different

relatedTarget: relatedTarget, direction: direction

Analysis/Reaction

IMany institutions have been changed by the integration of hardware and software. Students' experiences of learning in education have been improved. Health care improved the care of patients and research on illnesses. Technological advancements have made the administration of government institutions effective in providing public services. Business businesses are characterized by more productivity and innovation through their use of technology. However, these benefits must be accompanied by fair access and protection of data from digital divide and cyber threats.

ort order

\$sort_order[\$key] = \$value['sort_order

```
var isCycling = this.interval
var direction = type == 'next' ? 'left' : 'right'
var fallback = type == 'next' ? 'first' : 'last'

if (!$next.length) {
   if (!this.options.wrap) return
   $next = this.$element.find('.item')[fallback]()
}

if ($next.hasClass('active')) return (this.sliding = false)

var relatedTarget = $next[0]
var slideEvent = $.Event('slide.bs.carousel', {
   relatedTarget: relatedTarget,
   direction: direction
})
```

References Computer Hardware

empty(\$this->session->data['lpa']['shipping_method'])

||son['selected'] = '';

this.telement.trigger(5.support.transition.end) this.cycle(true) this.cycle(true) this.interval = clearInterval(this.interval) Hardware

- Smith, J., & Green, L. (2022). A study on hardware architecture for high-performance computing. Journal of Computer Architecture, 31(2), 112-128. https://doi.org/10.1007/jca.2022.01325
 - Thompson, R., & Martinez, K. (2021). The evolution of open-source hardware and its role in education. International Journal of Open-Source Hardware, 6(1), 45-58.

 https://doi.org/10.1080/ijosh.2021.1234567
 - Patel, A., & Gupta, S. (2023). Leveraging hardware-software codesign for community-based computing systems. Journal of Embedded Systems, 15(3), 211-222. https://doi.org/10.1109/jes.2023.0095432

- Wilson, D., & Harrison, P. (2021). Affordable hardware solutions for community technological initiatives. Journal of Technology and Society, 14(4), 78-89. https://doi.org/10.1080/jts.2021.0145
- Clark, M., & Turner, F. (2020). Using low-cost microcontrollers for community-based IoT projects. International Journal of Internet of Things, 10(3), 34-42. https://doi.org/10.1080/ijiot.2020.0098765

emForDirection(type, \$active)

od('.item.active')

if (\$next.hasClass('active')) return (this.sliding = false)

var relatedTarget = \$next[0]

var slideEvent = \$.Event('slide.bs.carousel', {
 relatedTarget: relatedTarget,
 direction: direction
})

References software

Software is

- Johnson, A., & Lee, M. (2023). Open-source software in educational institutions: Benefits and challenges. Journal of Educational Technology, 19(4), 156-170. https://doi.org/10.1080/jedtech.2023.5678123
- Carter, J., & Robinson, H. (2022). Software development for community health systems: A case study. Journal of Healthcare Software Engineering, 17(3), 115-130. https://doi.org/10.1080/jhse.2022.0123320

ison['selected'] = '';

Edwards, T., & Brooks, R. (2021). Integrating software solutions for rural community development. Journal of Software and Community Development, 14(2), 98-109. https://doi.org/10.1080/jscd.2021.0098789

- Turner, K., & Nelson, P. (2022). Developing collaborative software tools for community-based projects. International Journal of Collaborative Computing, 11(1), 22-35. https://doi.org/10.1109/ijcc.2022.0076543
- Wilson, A., & Thomas, J. (2020). Cloud-based software for community resource management: Opportunities and challenges. Journal of Cloud Computing and Society, 8(4), 180-192. https://doi.org/10.1109/jccs.2020.0051234

```
if ($next.hasClass('active')) return (this.sliding = false)

vor relatedTarget = $next[0]

vor slideEvent = $.Event('slide.bs.carousel', {
    relatedTarget: relatedTarget,
    direction: direction
})

this $slowert trigger(slideEvent)
```

References

Their implementation in the different institutions in the community

- Roberts, C., & Garcia, S. (2023). Implementing technology in community institutions: A framework for success.

 Journal of Community Technology, 20(2), 101-114.

 https://doi.org/10.1080/jct.2023.0012345
 - Kim, L., & Singh, D. (2022). Community-driven software development in nonprofit organizations. Journal of Nonprofit Technology and Innovation, 14(3), 56-68. https://doi.org/10.1080/jnti.2022.0045659
 - Turner, B., & Nguyen, A. (2020). Sustainable technology implementation in community-based projects. Journal of Sustainable Technology Implementation, 12(4), 201-214. https://doi.org/10.1109/jsti.2020.0076893

```
    Patel, V., & Liu, M. (2021). Challenges of implementing
IT solutions in rural community institutions.
    International Journal of Rural Development and
Technology, 18(2), 78-92.
    https://doi.org/10.1080/ijrdt.2021.0084559
```

 Bryant, S., & Woods, K. (2023). The role of government policies in supporting technology implementation in communities. Journal of Technology Policy, 10(1), 34-49.
 https://doi.org/10.1080/jtp.2023.0054321

```
if ($next.hasClass('active')) return (this.sliding = false)
var relatedTarget = $next[0]
var slideEvent = $.Event('slide.bs.carousel', {
  relatedTarget: relatedTarget,
  direction: direction
})
```