



HANDONG
UNITWIN
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School of
Education

Lecture 6

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C-EDUC2: Technology for Teaching and Learning 1

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Lecture 6

Online Learning Platforms and Learning Management Systems (LMS)



Image 1: *Philippine children are left behind by poor distance learning* (Source: Beltran, 2021: Online)



Online Distance Learning Alternatives

**How has online mode of learning
disrupted modern education?**

Looking back at LECTURE 5



Adaptive technologies revolutionize education by tailoring learning to various needs and interests. They give students individualized support and challenges to boost engagement, retention, and mastery. Personalized learning maximizes performance, helping students succeed in changing educational situations.

Image 2: Tech company seeks to address digital, education divide in Philippines (Source: Tipchai in Cruz, 2022: Online)



Lecture Objectives

1. Illustrate how online distance learning cued the advancement of learning management system (LMS) tools;
2. Describe the features and functions of an LMS applied in basic education schools; and,
3. Explore some of the most commonly used LMSs in the world.



Topic 1

Online Distance Education: The birth of the Learning Management System (LMS)

1. Online Distance Education & LMS

20th-Century Distance Education:

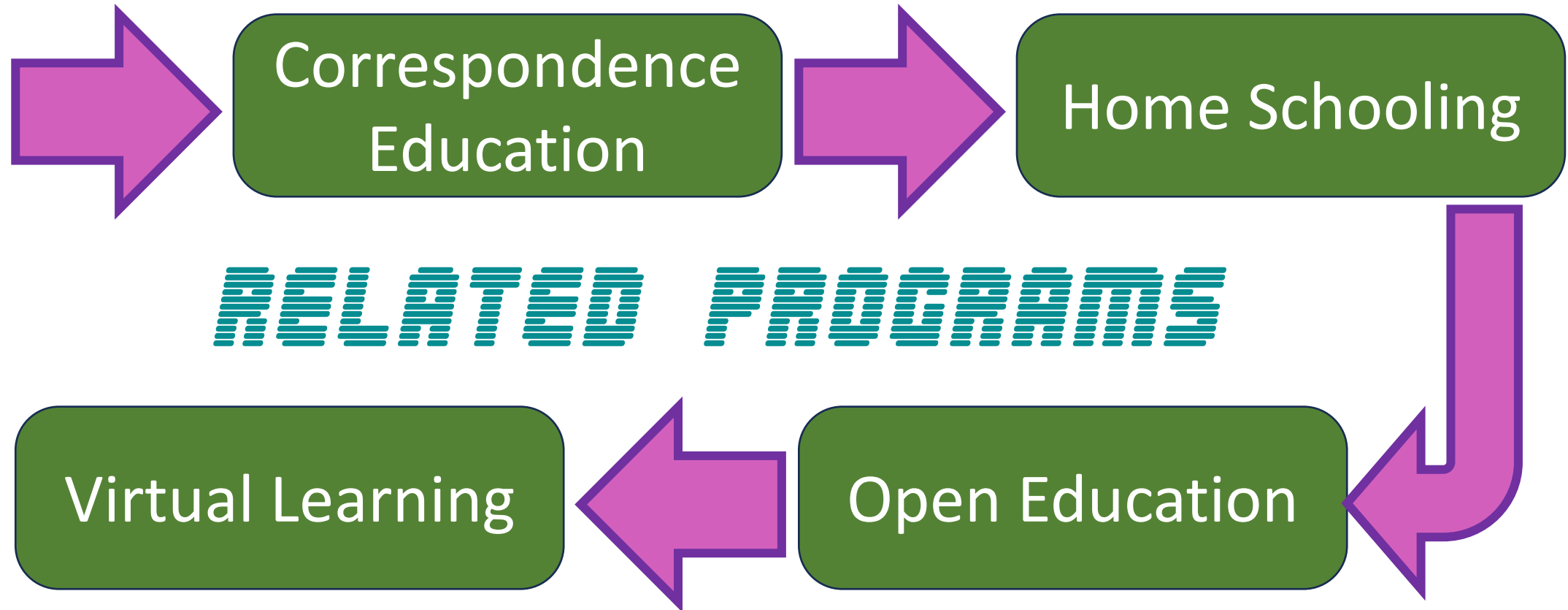
An Alternative Mode of Education



Image 3: Transforming the educational landscape in the Philippines, one LMS at a time (Source: Seow, 2020: Online)



1. Online Distance Education & LMS





1. Online Distance Education & LMS

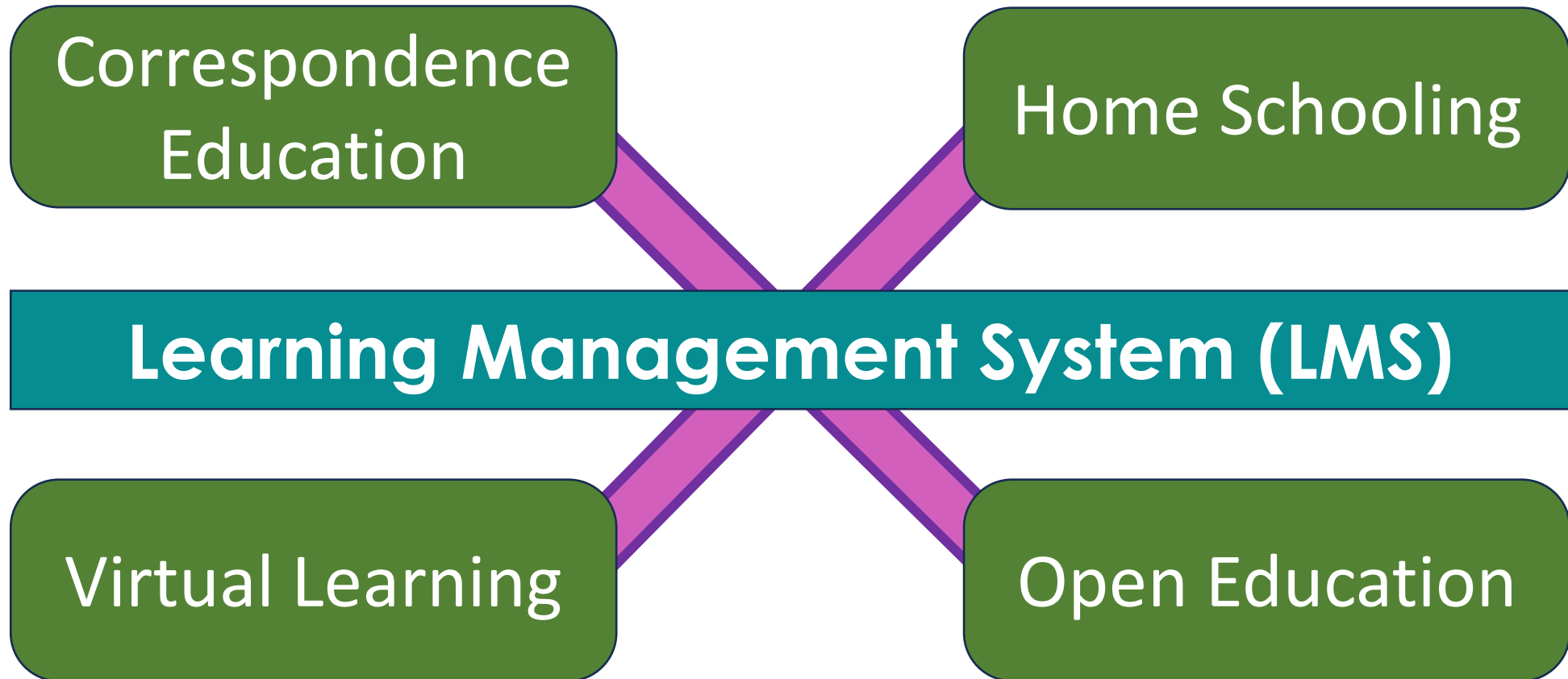
Correspondence
Education

Home Schooling

Learning Management System (LMS)

Virtual Learning

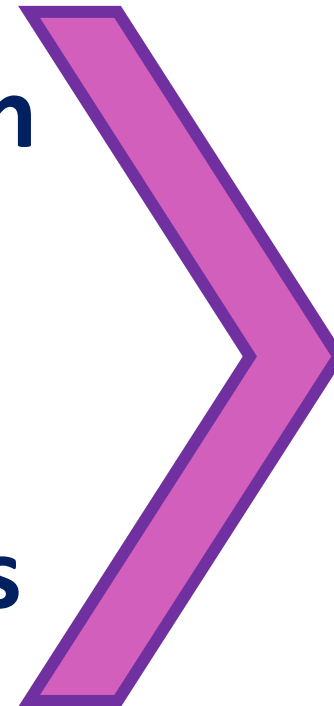
Open Education



1. Online Distance Education & LMS

Learning Management System (LMS)

- **Course Administration**
- **Communication Tools**
- **Progress Monitoring**
- **Reporting Capabilities**



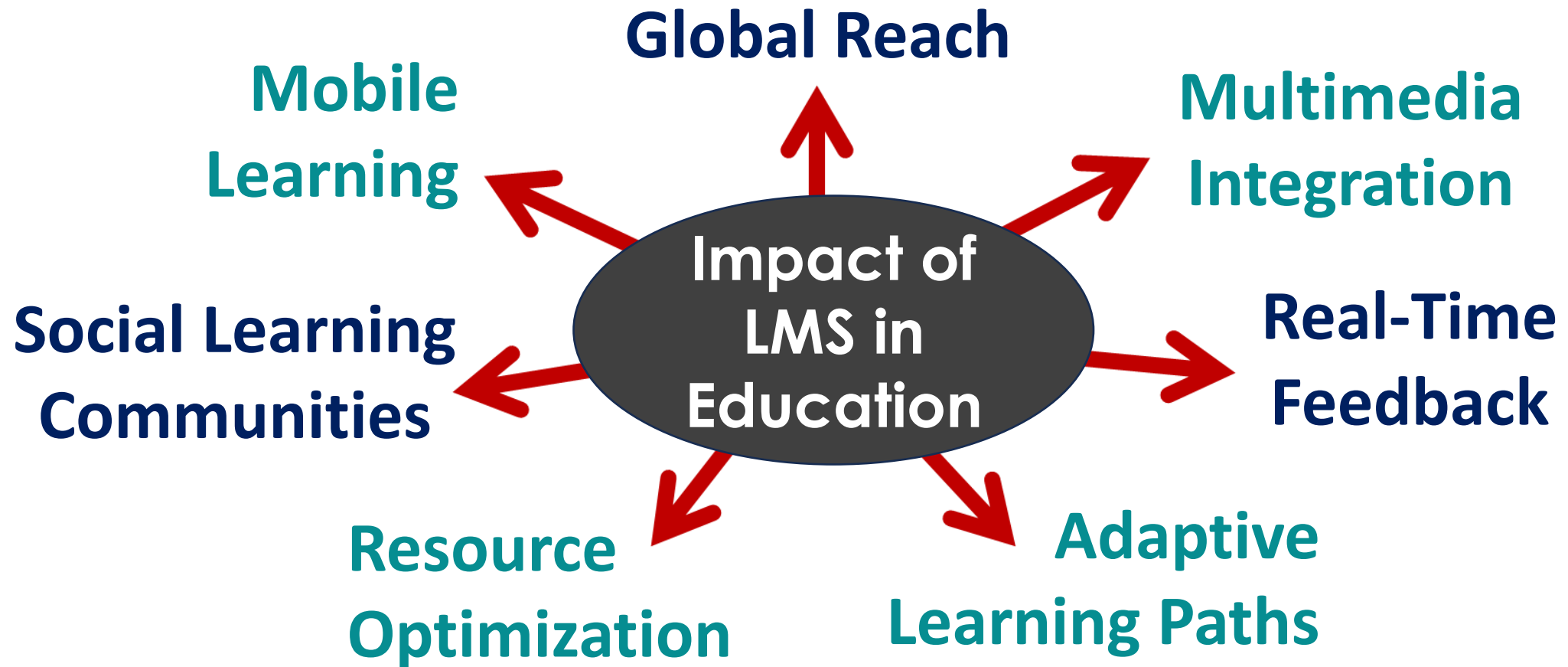
Remotely



1. Online Distance Education & LMS

Impact of LMS in Modern Educational Modalities

1. Online Distance Education & LMS





1. Online Distance Education & LMS

Impact: **Global Reach**

- No geographical barrier
- Cross-cultural exchange
- All inclusive



1. Online Distance Education & LMS

Impact: **Multimedia Integration**

- More learning options
- Media according to interests
- Assessing diverse abilities



1. Online Distance Education & LMS

Impact: **Real-Time Feedback**

- Evaluation of outputs in the platform
- Interaction done anytime



1. Online Distance Education & LMS

Impact: **Adaptive Learning Paths**

- Easier tracking of learning progress
- Task customization per learner



1. Online Distance Education & LMS

Impact: **Resource Optimization**

- Digitized learning resources
- Cloud storage
- Online assessment



1. Online Distance Education & LMS

Impact: **Social Learning Communities**

- Collaborative learning tools
- Messaging and chatting
- Online interaction



1. Online Distance Education & LMS

Impact: **Mobile Learning**

- Learn anytime, anywhere
- Course comes in handy
- Portability



Topic 2

Features and Functions of an LMS



2. Features and Functions of an LMS

- Course Materials
- Syllabi
- Learning Tasks
- Learning Resources
- Links
- Assignments
- Assessments

- a. Course Management
- b. Content Authoring
- c. Student Enrollment & Management
- d. Assessment & Grading
- e. Communication & Collaboration
- f. Progress Tracking & Reporting
- g. Mobile Compatibility
- h. Integration with External Tools
- i. Customization & Branding
- j. Accessibility & Compliance
- k. Security & Data Privacy
- l. User Support & Training



2. Features and Functions of an LMS

- Resource references
are properly and
orderly cited

a. Course Management

b. Content Authoring

c. Student Enrollment & Management

d. Assessment & Grading

e. Communication & Collaboration

f. Progress Tracking & Reporting

g. Mobile Compatibility

h. Integration with External Tools

i. Customization & Branding

j. Accessibility & Compliance

k. Security & Data Privacy

l. User Support & Training



2. Features and Functions of an LMS

- Keeping a class
record

- a. Course Management
- b. Content Authoring
- c. Student Enrollment & Management**
- d. Assessment & Grading
- e. Communication & Collaboration
- f. Progress Tracking & Reporting
- g. Mobile Compatibility
- h. Integration with External Tools
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2. Features and Functions of an LMS

- Online assessment tools
- Assessment survey link
- Rubric scoring of outputs
- Grading system

- a. Course Management
- b. Content Authoring
- c. Student Enrollment & Management
- d. Assessment & Grading**
- e. Communication & Collaboration
- f. Progress Tracking & Reporting
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2. Features and Functions of an LMS

- Messaging features that allow exchange of ideas and information

- a. Course Management
- b. Content Authoring
- c. Student Enrollment & Management
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2. Features and Functions of an LMS

- Easy access on student submissions, grades, and evaluation results

- a. Course Management
- b. Content Authoring
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2. Features and Functions of an LMS

- Learners access the
LMS online

- a. Course Management
- b. Content Authoring
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- d. Assessment & Grading
- e. Communication & Collaboration
- f. Progress Tracking & Reporting
- g. Mobile Compatibility**
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2. Features and Functions of an LMS

- Links to learning
analytics and
applications

- a. Course Management
- b. Content Authoring
- c. Student Enrollment & Management
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2. Features and Functions of an LMS

- Suitable interface
and theme for
orderly access and
aesthetics

- a. Course Management
- b. Content Authoring
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2. Features and Functions of an LMS

- Adherence to
institutional policies

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2. Features and Functions of an LMS

- Cloud storage
- Individualized access
- Plagiarism checker

- a. Course Management
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2. Features and Functions of an LMS

- a. Course Management
- b. Content Authoring
- c. Student Enrollment & Management
- d. Assessment & Grading
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- k. Security & Data Privacy
- l. User Support & Training**

- Continuous training
and rediscovery of
the LMS

Topic 3

Some Popular LMSs



Image 4: Moodle Logo (Source: moodle.com: online)



Image 6: Blackboard Learn Logo (Source: anthology .com: online)



Google Classroom

Image 8: Google Classroom Logo
(Source: google.com: online)



Image 5: Canvas Logo (Source: instructure.com: online)



Image 7: Schoolology Logo (Source: schoolology.com: online)



Lecture 6: CONCLUSIONS

Utilizing a learning management system (LMS) improves teaching and learning by enabling individualized, easily accessible, and collaborative experiences, maximizing efficiency, and promoting ongoing improvement in educational results.



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