A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited with 'B' Grade by NAAC)
(Affiliated to Adikavi Nannaya University)
Jagannaickpur, Kakinada.

DEPARTMENT OF COMPUTER SCIENCE

Online Quiz using QUIZIZZ

2024-25

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)
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Jagannaickpur, Kakinada

DEPARTMENT OF COMPUTER SCIENCE

Activity Register 2024-2025

Date	29-07-2024
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	Department of Computer Science
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	Online Quiz using Quizizz
Title of the Activity	Online Quiz on "Data Structures"
Name of the Department/Committee	**Department of Computer Science**
No. of students participated	15
Brief Report on the activity	To make the students enhance their skill in Data Structures.
Name of the Lecturers who Planned & conducted the activity	N.Naga Subrahmanyeswari
Signature of the Dept. In-Charge /Convener of the Committee	N.N.S.Eswari INCHARGE DEPT OF COMPUTER SCIENCE ASD GOVT DEGREE COLLEGE(W) AUTONOMOUS KAKINADA
Signature of the Principal	V.N.... PRINCIPAL A.S.D.GOVT.DEGREE COLLEGE (W) AUTONOMOUS KAKINADA
Remarks	

A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A)

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DEPARTMENT OF COMPUTER SCIENCE

ONLINE QUIZ USING QUIZIZZ

2024-2025

The Department of Computer Science had conducted Quiz on the topic "Data Structures" in online mode using Quizizz for II B.Sc.(CS) students to enhance their skill in Data Structures on 29-07-2024.

N.N.S.Eswari
INCHARGE
DEPT OF COMPUTER SCIENCE
ASD GOVT DEGREE COLLEGE (W) (AUTONOMOUS)
KAKINADA

Signature of the Lecturer

A.S.D.GOVT. DEGREE COLLEGE FOR WOMEN (A)
JAGANNAICKPUR, KAKINADA.

DEPARTMENT OF COMPUTER SCIENCE

ONLINE QUIZ

The following are the details of the students who had participated in the online quiz on 29-07-2024 and their scores

Participant	Score	Points Out of 20	Q1 58%	Q2 71%	Q3 75%	Q4 75%	Q5 71%	Q6 63%	Q7 67%	Q8 46%	Q9 63%
Data structure	19790	20 (100%)	✓	✓	✓	✓	✓	✓	✓	✓	✓
G.Devi	20810	20 (100%)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Madhuri. Beera	21110	20 (100%)	✓	✓	✓	✓	✓	✓	✓	✓	✓
LAKSHMI PRAVALLIKA Y...	17850	19 (95%)	✓	✓	✓	✓	✓	✓	✓	✓	✓
U manohari	16250	19 (95%)	✓	✓	✓	✓	✓	✓	✗	✓	✓
Karishma	15870	18 (90%)	✗	✓	✓	✓	✓	✓	✓	✓	✓
Yamala Suchitha devi (Y...	15560	18 (90%)	✓	✓	✓	✓	✓	✗	✓	✓	✓
MYLA SATYA HEMA HASI...	13900	17 (85%)	✓	✗	✓	✓	✓	✓	✓	✗	✓
NEHA SWAROOPA PALIV...	14580	17 (85%)	✗	✓	✓	✓	✓	✓	✓	✓	✓
Ch.Mary Grace	15460	16 (80%)	✓	✗	✓	✓	✓	✓	✓	✓	✓
Vaishnavi	11710	16 (80%)	✓	✗	✓	✓	✓	✓	✓	✓	✗
moyati satwika (moyaati ...	12390	16 (80%)	✓	✓	✓	✓	✓	✓	✓	✗	✗
Lakshmi pravallika	10380	13 (65%)	✗	✓	✓	✓	✓	✓	✗	✗	✓
Nalla Durga Nagamani (...	10690	13 (65%)	✓	✓	✓	✓	✓	✗	✓	✗	✓

REPORT ON THE ONLINE QUIZ

On 29-07-2024, an online quiz was conducted using Quizizz, targeting II B.Sc. Computer Science students. The quiz focused on fundamental concepts in data structures, aiming to enhance students' understanding while providing an engaging platform for assessment. With the growing reliance on digital tools in education, Quizizz was chosen for its interactive features and user-friendly interface. A total of 15 students had participated in the quiz enthusiastically.

Objectives

The primary objectives of the quiz were as follows:

1. **Assess Knowledge:** To evaluate students' grasp of key data structure concepts.
2. **Promote Engagement:** To foster a fun and competitive learning environment.
3. **Identify Learning Gaps:** To pinpoint areas where students require additional support or instruction.

Methodology

Preparation

Questions were developed based on the course syllabus and aligned with learning outcomes. A mix of conceptual questions and practical scenarios was included to ensure a comprehensive assessment.

Administration

The quiz was administered online, allowing students to participate remotely. Instructions were sent via email, and a dedicated time slot was allocated for the quiz to ensure all students could attend.

Monitoring

Participation was tracked through the Quizizz platform. Immediate feedback was provided to students upon completion, allowing them to review their answers and learn from their mistakes.

Quizizz can be used to find and create free gamified quizzes and interactive lessons to engage any learner. Quizizz allows to conduct student-paced formative assessments in a fun and engaging way for students of all ages. The salient features include:

1. **Student-paced:** Questions appear on each student's screen, so they can answer questions at their own pace, and review their answers at the end.
2. **BYOD:** Can be played by students using any kind of device with a browser, including PCs, laptops, tablets, and smartphone.
3. **Thousands of public quizzes:** Amazing teachers around the world create thousands of great questions on Quizizz every day! This community effort generates great content that everyone can use.

4. **Quiz Editor:** The Quizizz editor is the most awesome quiz editor in the world! Well... we think so at least... do let us know if you don't agree :)

   We take the hassle out of creating quizzes by allowing you to pluck questions from any quiz, easily add images from the internet, auto-save your progress and tons of other features. Learn more.

5. **Reports:** The reports give you detailed class-level and student-level insights for every quiz you conduct. You can also download the reports as an Excel spreadsheet. Learn more.

6. **Quiz Customization:** Teachers have multiple options to customize their quiz session to toggle the level of competition, speed, and other factors.

Reports generated by Quizizz will help the teacher to get real-time data and understand the strengths and weaknesses of the students of the class. The teacher can also use this data to plan out lessons based on the performance of students.

Conducting quizzes in this manner helped to motivate the students to complete assigned readings, increase participation in class discussion, and improve performance on exams for material covered both on the quizzes and in class. The Quizizz session was successful in assessing students' understanding of data structures while fostering an engaging learning environment. The results highlighted both strengths and areas for improvement, allowing instructors to tailor future lessons to better meet students' needs.

The list of students who participated in the quiz and their scores

Student	Correct/Incorrect	Percent	Score	Points	
Ch.Mary Grace	✓16 ✗4	80%	16/20	15460	Evaluate ⚡ ⋮
Vaishnavi (2 attempts)	✓16 ✗4	80%	16/20	11710	Evaluate ⚡ ⋮
moyati satwika (moyaati satwika)	✓16 ✗4	80%	16/20	12390	Evaluate ⚡ ⋮
Lakshmi pravallika	✓13 ✗7	65%	13/20	10380	Evaluate ⚡ ⋮
Nalla Durga Nagamani (Nalla Durga...)	✓13 ✗7	65%	13/20	10690	Evaluate ⚡ ⋮
Akhila	✓4 ✗1 !15	20%	4/20	2440	Evaluate ⚡ ⋮

G.Devi 3 attempts	✓ 20	100%	20/20	20810	Evaluate ⚡ ⋮
Madhuri. Beera 3 attempts	✓ 20	100%	20/20	21110	Evaluate ⚡ ⋮
LAKSHMI PRAVALLIKA YANAMADA...	✓ 19 ✗ 1	95%	19/20	17850	Evaluate ⚡ ⋮
U manohari 2 attempts	✓ 19 ✗ 1	95%	19/20	16250	Evaluate ⚡ ⋮
Karishma 2 attempts	✓ 18 ✗ 2	90%	18/20	15870	Evaluate ⚡ ⋮
Yamala Suchitha devi (Yamala Suchi...	✓ 18 ✗ 2	90%	18/20	15560	Evaluate ⚡ ⋮
MYLA SATYA HEMA HASINI ANUSRI	✓ 17 ✗ 3	85%	17/20	13900	Evaluate ⚡ ⋮
NEHA SWAROOPA PALIVELA (NEHA ... 2 attempts	✓ 17 ✗ 3	85%	17/20	14580	Evaluate ⚡ ⋮

N.N.S.Eswari
INCHARGE
DEPT OF COMPUTER SCIENCE
GOVT DEGREE COLLEGE AUTONOMOUS
KAKINADA

QUIZIZZ Worksheets

Data Structures
Total questions: 20
Worksheet time: 21mins
Instructor name: Eswari Velugu

Name _____
Class _____
Date _____

1. Data in the data structures are processed by operations like insertion, deletion, sorting, merging and

    a) Retrieval
    b) Both A and B
    c) Traversing
    d) Searching

2.
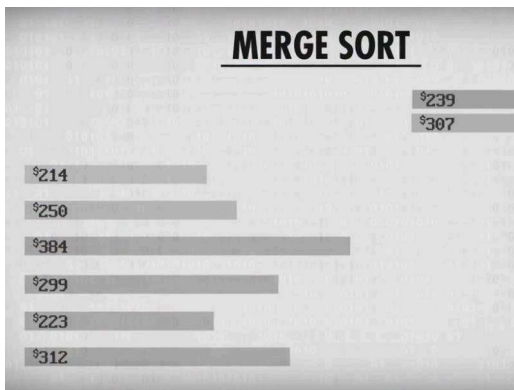
    A series of values stored in memory is called ___

    a) a matrix
    b) a tree
    c) an array
    d) a struct

3.
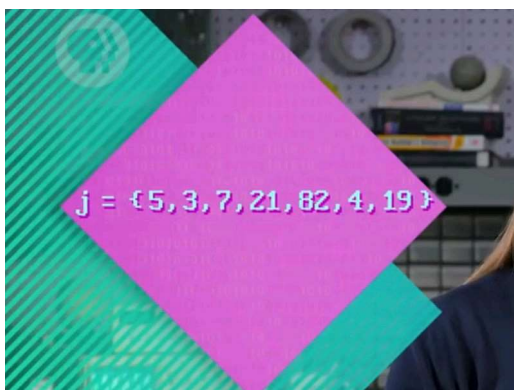
    Almost all programming languages start arrays at ___

    a) index 2
    b) index 0
    c) index 1
    d) the null character

4.

In almost all programming languages, what kind of bracketing is used to denote array access?

a) curly braces

b) square brackets

c) round brackets

d) quotation marks

5.
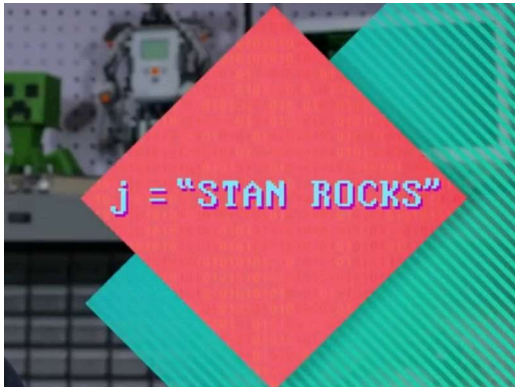
Arrays of characters, like letters, numbers, punctuation and other written symbols, are called ___

a) vectors

b) groups

c) structs

d) strings

6.

A two-dimensional list, which can be thought of as an array of arrays, is called ___

a) a matrix

b) a struct

c) a tree

d) a grid

7.


```
?        account
   VARIABLE accountNumber
   VARIABLE balance
END   ?

j.accountNumber = 127834221
j.balance = 189.14
```
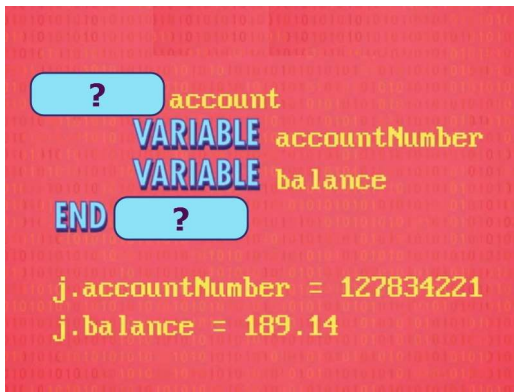
A data type that can be used to group items of possibly different types into a single type is called ___

a) a struct   b) a tree

c) a root   d) a pointer

8. int nums[ ] =
    {2, 3, 5, 8, 9, 11};
    How would you access the fourth element in nums

    a) nums[3]   b) nums(3)

    c) nums(4)   d) nums[8]

9. Which of these is not a data structure?

    a) Integer   b) List

    c) Array   d) Stack

10.

What is a data structure?

a) A way of keeping data without an order?   b) There is no formal definition for "Data Structure"

c) A "stack" only   d) A method of arranging data

11. Ordered collection of data items of the same type referred to collectively by a single name

    a) Constants   b) Array

    c) List   d) Variables

12. It is a mathematical object which arises in many physical problems, consists of m rows and n columns

    a) Table   b) Excel

    c) Array   d) Matrix

13. Data Structure is a particular way of storing and organizing data in a computer so that it can be used efficiently.

    a) False   b) True

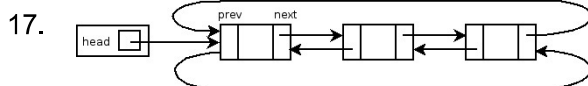14. _____ is a collection of elements used to store the same type of data.

    a) Loop   b) Case

    c) Array   d) Switch

15. Storage for data defined in terms of set of operations to be performed on the data

    a) Arrays   b) Abstract Data Types

    c) Algorithms   d) Variables

16. It use pointer to link nodes.

    a) Link List   b) Pointer

    c) Trees   d) Variable

17.

    a) circular linked list   b) doubly linked list

    c) linked list   d) doubly circular linked list

18. Example of linear data structure except

    a) stack   b) queue

    c) tree   d) array

19. In _____ type of linked lists we can traverse in both the directions.

    a) Circular linked list   b) Singly linked list

    c) Doubly linked list   d) One dimensional linked list

20. ._____ is a data structure in which every individual node consists of INFO to store data and LINK to store the address of the next node.

    a) Queue   b) Stack

    c) Singly Linked List   d) Circular queue