



Dr. D. Y. PATIL EDUCATIONAL FEDERATION
Dr. D. Y. Patil Institute of Management and Entrepreneur Development
Approved by AICTE, Affiliated to SPPU Pune
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President

Dr. Priyanka A. Singh
Director

STUDENT CENTRIC METHOD

Problem solving methodologies





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Date: 26/05/2021

Notice

Subject: Programming Quiz Competition Announcement

Dear MCA Students,

We are excited to announce an upcoming Programming Quiz Competition for MCA students that will challenge your coding skills and test your knowledge in the world of programming.

Competition Details:

Date: 31st may 2021

Time: 2:00 PM to 5:00 PM

Venue: online

Director

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DIRECTOR
DR.D.Y.P.I.M.E.D.
Varale, Maval, Pune 410 507





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“Quiz Competition”

Event Date & Day: Tuesday, 31th May 2021

Venue – Online

Time – 02:00 PM to 5.00 PM

About Event

Activity Introduction:

The programming competition was conducted in a structured format, comprising multiple rounds designed to test different aspects of the participants' programming skills. The event took place online on 31th May, starting at 2:00 PM and concluding at 5:00 PM. The competition followed the following activity introduction:

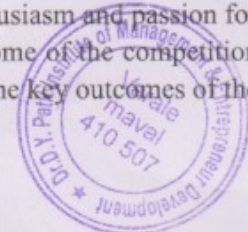
- **Competition Rounds:** The competition comprised two rounds, each designed to evaluate the participants' skills at different levels. The first round consisted of multiple-choice questions (quiz competition) to test their fundamental knowledge. The second round involved solving programming problems individually.
- **Judging and Evaluation:** The Scores were decided based on the scores the students obtained through online quiz. The winners were determined based on their performance across all the rounds.

Objective:

- The objective of organizing this competition for MCA (Master of Computer Applications) students on 31th May was to foster a spirit of healthy competition, enhance technical skills, and promote collaboration among the participating students. This competition aimed to provide a platform for students to showcase their programming abilities and encourage innovative problem-solving.

Outcome:

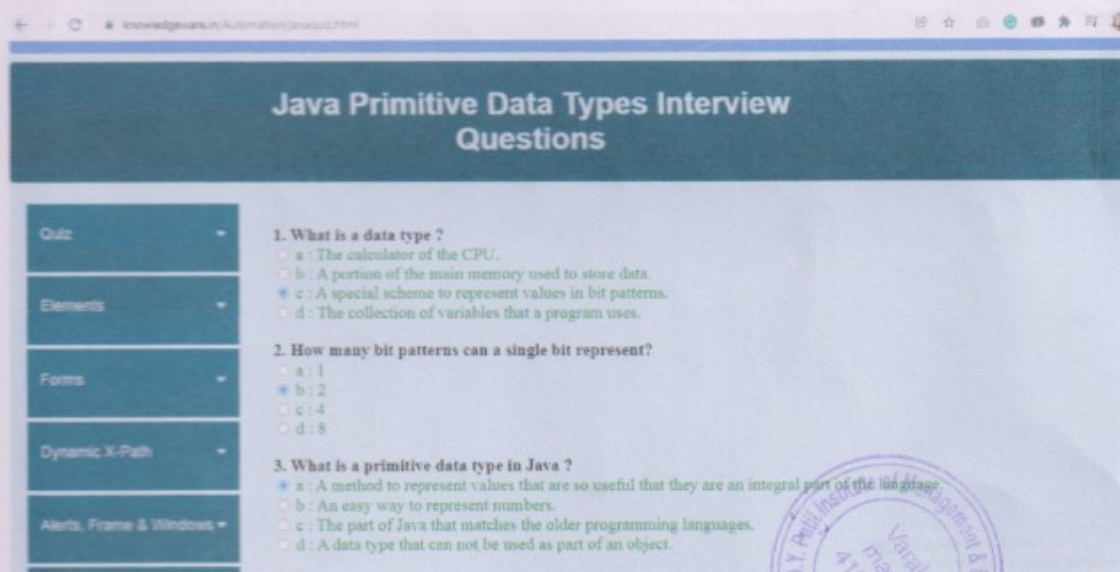
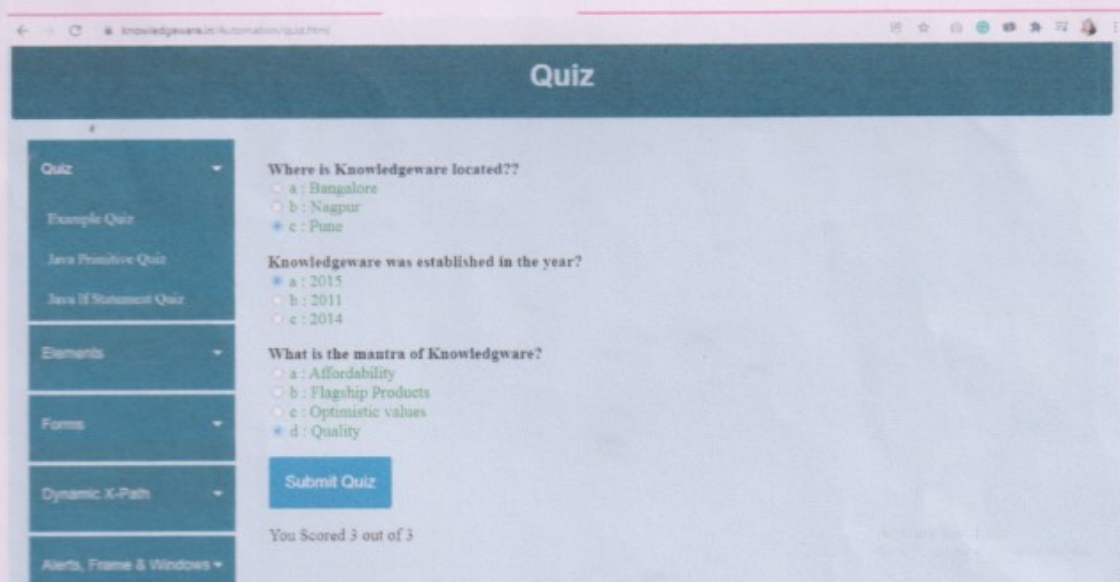
- The quiz competition held for MCA students on 31th May was a resounding success. The event attracted a significant number of participants, and their enthusiasm and passion for programming were evident throughout the competition. The outcome of the competition surpassed our expectations and achieved the desired objectives. The key outcomes of the



event are as follows:

- **Enhanced Technical Skills:** The competition challenged students to solve complex programming problems within a limited timeframe. Through this process, participants honed their programming skills, algorithmic thinking, and problem-solving abilities. The event encouraged students to think creatively and apply their theoretical knowledge to practical scenarios.
- **Collaborative Learning:** The competition fostered a collaborative environment where students worked in teams to solve programming challenges. This promoted teamwork, communication, and the sharing of knowledge and expertise. The participants not only learned from their teammates but also gained valuable insights from observing other teams' approaches.

Event Photos:



knowledgeaware.in/Automation/Javaquiz.html

Widgets

4. Does every variable in Java need a data type?

- a : No – only numeric variables need a data type.
- b : No – a data type is optional.
- c : Yes – all variables are of the same data type.
- d : Yes – every variable must be declared with its data type.

5. What is NOT a name of a primitive data type in Java?

- a : int
- b : float
- c : stand-in
- d : string

6. Is the value ONE always represented by the same bit sequence?

- a : Yes – there is only one "one", so there is only one bit sequence.
- b : No – "one" can be represented by different integer or floating point data types.
- c : Yes – it is always stored in one bit.
- d : No – the bit pattern changes every time the program starts.

7. Suppose a particular data item does not use a primitive data type. What does it have to be?

- a : An object.
- b : A number.
- c : A literal.
- d : A Boolean element.

8. How many digits is the decimal precision of the following number: +1200004.5

- a : 4
- b : 5
- c : 8

knowledgeaware.in/Automation/Quiz.html

Java If Statement Interview Questions

Quiz

Elements

Forms

Dynamic X-Path

Alerts, Frame & Windows

Widgets

1. How many alternatives are there for a single if-else statement?

- a : 1
- b : 2
- c : 3
- d : 4

2. What is the following code snippet on the screen?

```
int sum = 14;
if (sum <20)
System.out.print ("Below");
else
{
System.out.print ("About");
System.out.println ("the limit.");
}
```

- a : Under
- b : Over
- c : Under the limit
- d : Over the limit.

f. Prashant
Event Coordinator



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