





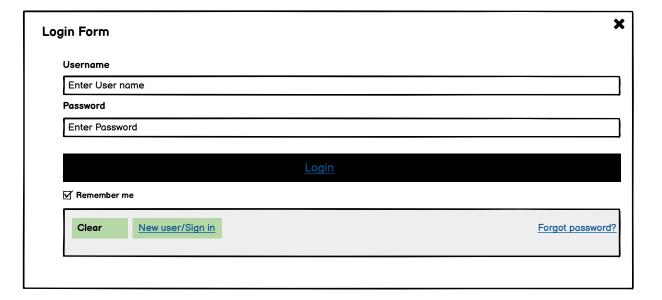
# PES UNIVERSITY

WELCOME TO ARRAY OPERATION PROJECT

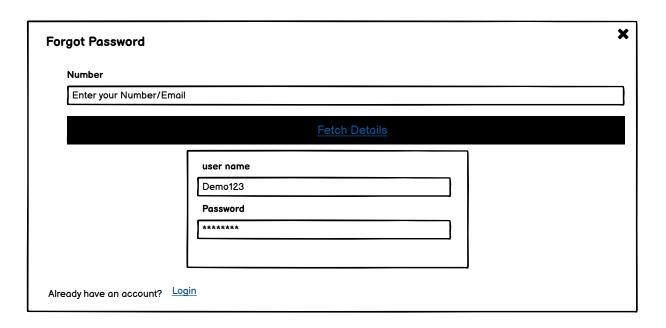
IIIIO



DEVELOPED BY Raghavendra N Patil Damodar Kamat Subramanya Belavadi Rohit

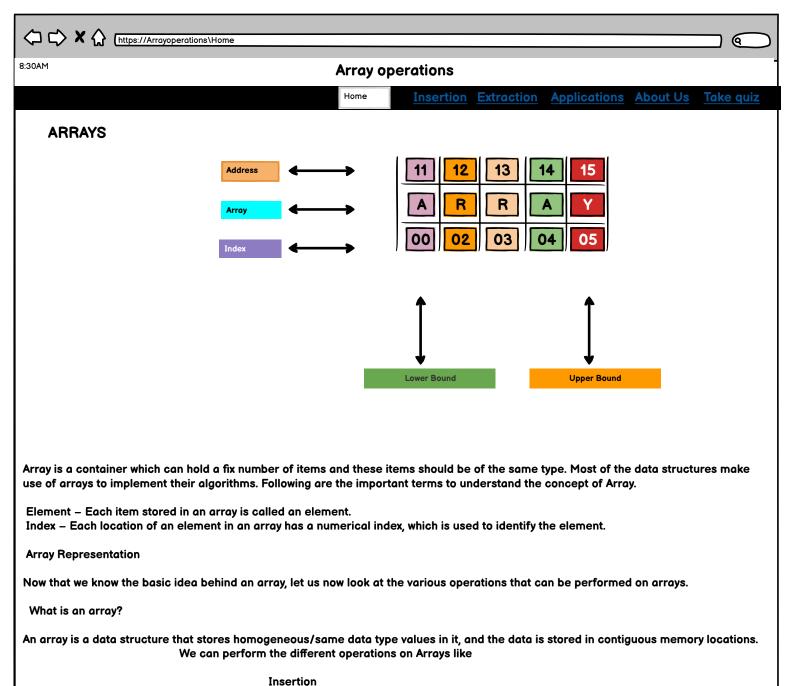


Sign-up form	
Signup here	×
Name	
Enter Your Full name	
Email	
Enter Email	
Phone Number	
Enter Phone number	
Password	
Enter Password	
By creating account you agree to our terms & policy	
<u>Register</u>	
Already have an account? Login	



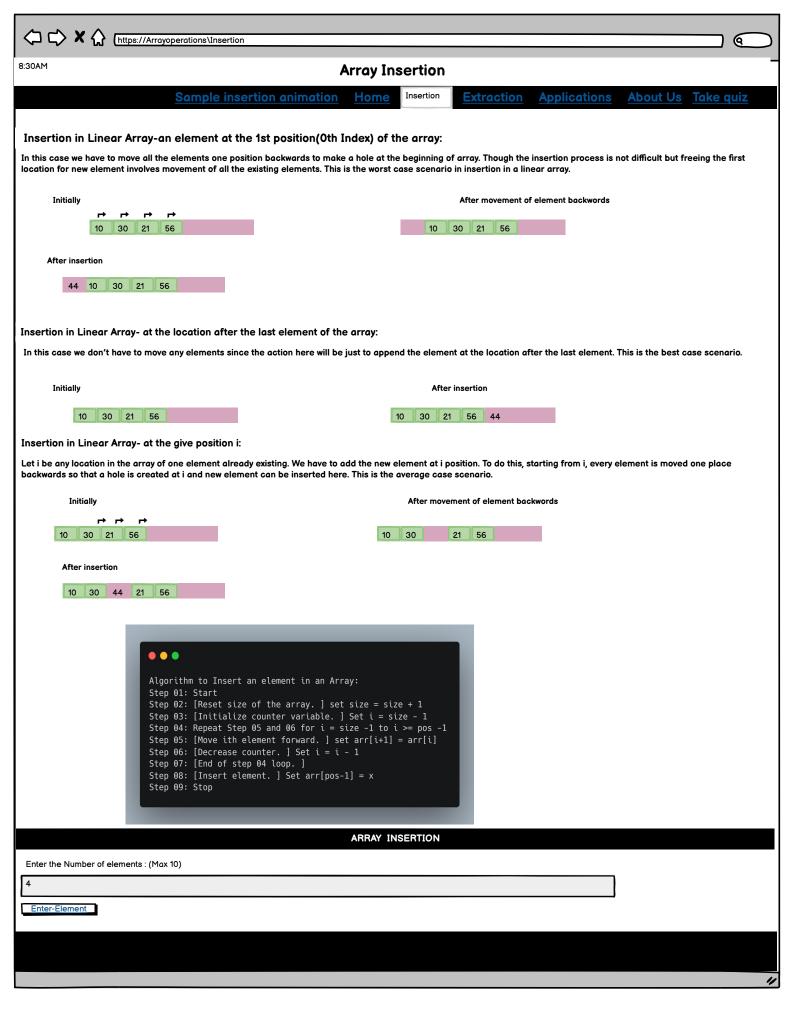
### https://Arrayoperations\logo

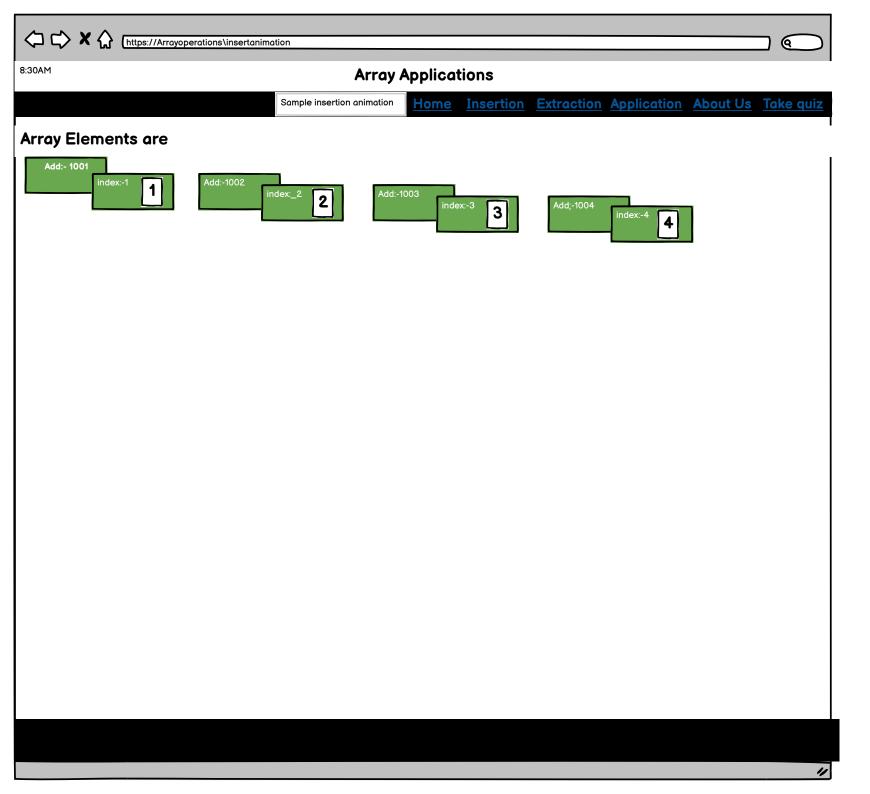
## Array Operation



Replacement/Updation
Deletion
Traversal
Searching
Sorting

Let's look at each of the above operations one by one:









Inserting 25 at 0th position of array[0]

Oth position

Inserting 30 at 1st position of array[1]

1st position

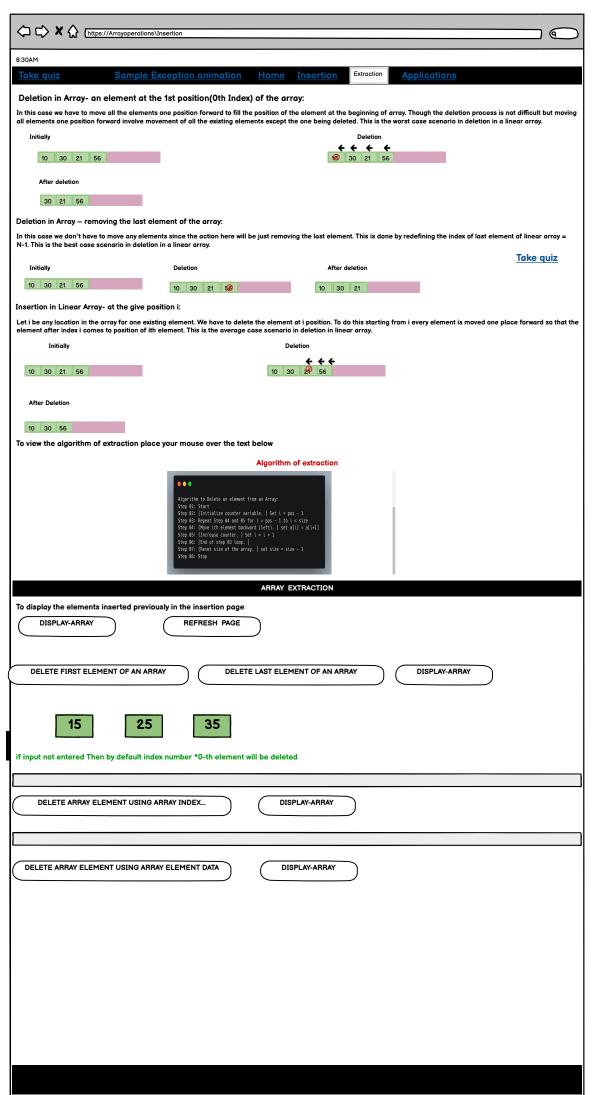
Inserting 2 at 2nd position of array[2]

2nd position 1st position Oth position

Inserting 29 at 3rd position of array[3]

3rd position

back



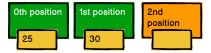


#### Extraction

deleting 29 from 3rd position of array[3]



Inserting 30 from 1st position of array[1]



Inserting 2 from 2nd position of array[2]



Inserting 29 from 3rd position of array[3]



<u>back</u>

8:30AM

#### **Array Applications**

#### **Array Applications:-**

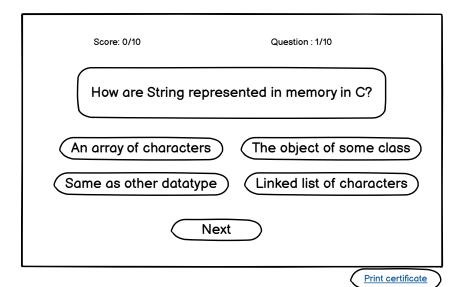
- 1) Arrangement of the leader-board of a game can be done simply through arrays to store the score and arrange them in descending order to clearly make out the rank of each player in the game.
- 2)D arrays, commonly known as, matrices, are used in image processing.
- 3) Arrays can be used for sorting data elements. Different sorting techniques like Bubble sort, Insertion sort, Selection sort etc use arrays to store and sort elements easily.
- 4) Your viewing screen is also a multidimensional array of pixels.
- 5) Arrays can be used for CPU scheduling.
- 6)Online ticket booking.
- 7) Contacts on a cell phone.
- 8) Lastly, arrays are also used to implement other data structures like Stacks, Queues, Heaps, Hash tables etc.

**THANK YOU** 





#### **Quiz on Array Operations**









#### **Course Completion Certificate**

Completed on Date/Time: 9/8/2022, 6:04:03 PM

#### Congratulations, Quiz Completed.

Attempts:10

Wrong Answers:2

Right Answers:8

Grade:80%

Good grades

Print Certificate





#### **ABOUT US:**

#### **EXPERT:**



Name : Dr.Veena S Department : Computer Application

#### **MENTORS**:



Name: Tamal Dey Department : Computer Application

#### **TEAM MEMBERS:**



Name: Damodar.R.Kamat Course : MCA Responsibility:



Name : Raghavendra N Patil Course : MCA Responsibility:



Name : Premalatha H M Department : Computer Application



Name: Rohit Mallapur Course : MCA Responsibility : Balsamiq,



Name : Subramanya B S Course : MCA Responsibility: