

USABILITY DOCUMENT

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Algorithmic Puzzles app is very helpful in understanding the algorithms such as Backtracking, Sorting and the Tower of Hanoi problem. The areas where this application can be used are:

1. In Class Room Teaching:

Algorithmic Puzzles can be used in the class room teaching when studying the algorithms. While studying the algorithms like Backtracking, Sorting and Tower of Hanoi, at first it is difficult to understand their logic. And often students don't understand their logic and end up in memorising it verbally. Instead Algorithmic Puzzles helps to eradicate such problem with help of Puzzles built on the them. At first students learn the algorithm and then solve the puzzle built on them hence understanding their logic.

2. AlgorithmicPuzzles app will help the student to improve their Algorithmic thinking approach:

Algorithmic thinking has become somewhat of a buzz word among computer science educators, and with some justice: ubiquity of computers in today's world does make algorithmic thinking a very important skill for almost any student. Hence, AlgorithmicPuzzles app will also help those people who are interested in developing the algorithmic thinking approach including teachers and students.

3. AlgorithmicPuzzles app will help those people who are preparing for the interviews:

Solving puzzles like Eight queen puzzle, Sorting puzzle and Tower of hanoi puzzle will definitely help those people who are preparing for the interviews and also give them mental strength and confidence which are very essential before appearing any interviews.

4. AlgorithmicPuzzles app will attract the Puzzle lovers:

Puzzle lovers will definitely find the AlgorithmicPuzzles app as very interesting to solve the classic puzzles like Eight Queen, Sorting and Tower of Hanoi Puzzles.

5. AlgorithmicPuzzles app can be used to check the mental ability of the students:

Solving the puzzles like Eight Queen Puzzle, Sorting Puzzle and Tower of hanoi puzzle will surely help to check the mental ability and IQ.

6. The Puzzles help the students to learn the problem solving abilities:

Solving the Puzzles like Eight Queen Puzzle, Sorting Puzzle and Tower of hanoi puzzle will help the students to gain the problem solving abilities.

7. AlgorithmicPuzzles app will be very useful to the students of Engineering:

The app will be very useful to the computer science and who are learning the related subjects.