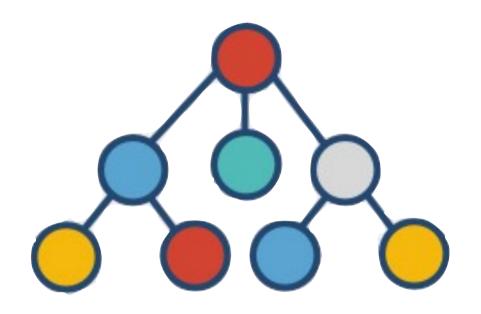
# **DATA STRUCTURE & ALGORITHMS**



(By Prince Agarwal) ("HELLO WORLD")

}

### SQUARE ROOT

$$X = 4$$

$$Ans = 2$$

$$X = 14$$

$$Ans = 3$$

$$X = 6$$

$$Ans = 2$$

$$x == 9$$
  $i == 1$   
 $i == 2$   
 $i == 3$   
 $i == 4$   
Return (i-1) = 3;

### SQUARE ROOT

$$X = 4$$

$$Ans = 2$$

$$X = 14$$

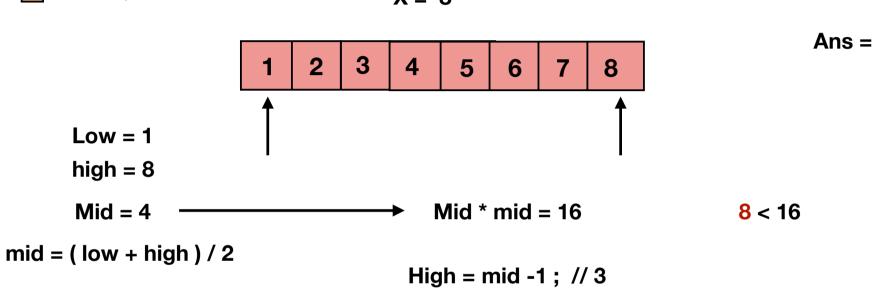
$$Ans = 3$$

$$X = 6$$

$$Ans = 2$$

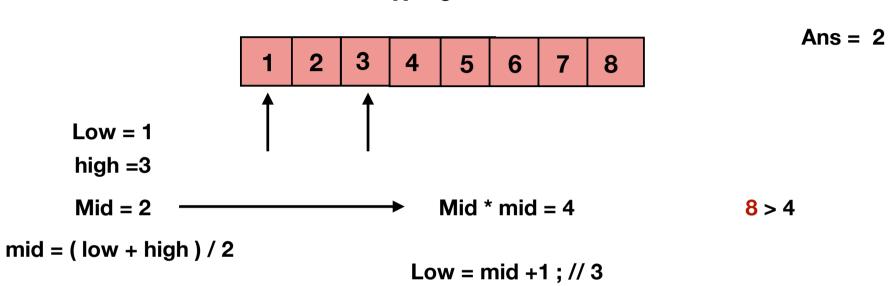
SQUARE ROOT

$$X = 8$$



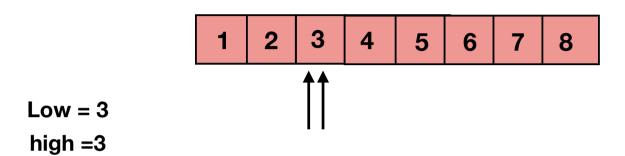


$$X = 8$$





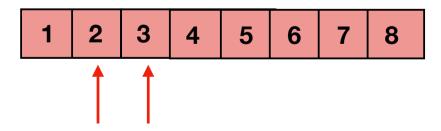
$$X = 8$$



**8** < 9

Ans = 2

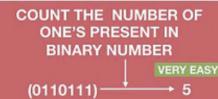
$$mid = (low + high)/2$$





Check the ith bit is set, in the binary form of given numbe...

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#COMPETITIVE PROGRAM 13:44

Count the number of one's in binary representation of...

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Check a given number is power of 2 | Bitwise operato...

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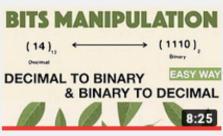
Left shift and right shift bitwise operator ||...

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Bitwise Operators | AND | NOT | OR | XOR || Competitiv...

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Bits Manipulation | Decimal to Binary | Binary to Decimal...

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Sieve of Eratosthenes -part 1 || Competitive programming...

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#COMPETITIVE PROGRAM 13:38

Program and concept of prime numbers. ||...

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12:00

memset() function in C/C++ and its syntax. || Competitiv...

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problem of Fancy Quotes || getline() in strings --FANCY...

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Concept of Handling the String related problems -...

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