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**SET 1 (If your class roll number is even)**

**Program:**

Write a program that will convert given expression from infix to corresponding postfix notation.

**Question:**

What is the significance of postfix and prefix expression in computer science?

**SET 2 (If your class roll number is odd)**

**Program:**

Write a program to implement Binary Search of an user given set of elements. If the user given element set is not in sorted order then your program must sort it using any sorting algorithm before searching.

**Question:**

What is the significance of sorted element set in Binary Search?

**Instruction:**

You are suppose to write the given program (coding as well as the output) and the answer of the given question and send the single pdf file today in [examination.ab@gmail.com](mailto:examination.ab@gmail.com) **within 2:30 PM**.

You have to take the screen shots of your code and output (if program runs) to make the pdf, if your program is not running, no need to give the screenshot of the output, in that case the screenshot of coding only is enough.

You can write the answer of the question in a paper and take a photo to include that in the pdf file.

The file name of the pdf will be in the format: **IT\_2\_IT391\_X\_15.pdf**  
(Stream\_Year\_PaperCode\_Group\_ClassRoll.pdf)

The subject of the e-mail will be: **IT\_2\_IT391\_X\_15\_ViratKohli**  
(Stream\_Year\_PaperCode\_Group\_ClassRoll\_NameSurname)