Problem Solving

Question bank

Select a category: [Problem Solving   ⌄]

☑ Also show questions from subcategories
☑ Also show old questions
☑ Show question text in the question list

[Create a new question ...]

☐ T ▲	Question	Created by First name / Surname	Last modified by First name / Surname

☑ 🗎 Write a Program has two basic functions : ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a Program has two basic functions :
1. To Print the Next 5 Perfect Squares After the Number.
2. To Print Possible Series of Sum Of Consecutive Numbers.

For Example : Enter the Number : 15
The Next 5 Perfect Squares are :
16 25 36 49 64
The Consecutive Series Of Sum 15 :
1 + 2 + 3 + 4 + 5
4 + 5 + 6
7 + 8

☑ 🗎 Write a program which convert number to bi ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which convert number to binary, octal and hexadecimal.

☑ 🗎 Write a program which display following patt ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which display following pattern. The user is expected to input a number
if the user puts in 3 it will display pattern as follows:

1   1
1 2   2 1
1 2 3 3 1

☑ 🗎 Write a program which display the below tria ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which display the below triangle pattern.

- Input: No. of row
- Output: Display triangle with 'No. of row' input.
- For eg. Input is 4 and output must be as below.

```
   A
  A B A
 A B C B A
A B C D C B A
```

☑ 🗎 Write a program which displays Fibonacci se ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which displays Fibonacci series in 'Diamond' Pattern.

☑ 🗎 Write a program which implement STACK op ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which implement STACK operations PUSH,POP. It allows to add/remove
elements from the STACK from any position and rearrange the stack.

☑ 🗎 Write a program which implement the 'Insert ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which implement the 'Insertion Sort.' It allows to add/remove number at
position and after add/remove operation all the numbers should be displayed in as sorted

☑ 🗎 Write a program which implement the 'Merge ⚙🔍⇲✖ Pinak Shah   Pinak Shah
Write a program which implement the 'Merge Sort Algorithm'.

☑ 🗎 Write a program which print the following pa ⚙🔍⇲✖ Pinak Shah   Pinak Shah

Write a program which print the following pattern. It displays the n x n square for input 'n'
For eg.
1 2 3 4 5
16 17 18 19 6
15 24 25 20 7
14 23 22 21 8
13 12 11 10 9
and
5 4 3 2 1
6 19 18 17 16
7 20 25 24 15
8 21 22 23 14
9 10 11 12 13

☑ ▦ Write a program which prints the 'C' pattern. ⚙ 🔍 ⬧ ✖ Pinak Shah   Pinak Shah
Write a program which prints the 'C' pattern. It displays total numbers to each wing of 'C'

- Input: Any number
- Output: Display as below

E.g. 1) For input - 3
3 2 1
4
5 6 7
2) For input -4
4 3 2 1
5
6
7 8 9 10

☑ ▦ Write a program which prints the following s ⚙ 🔍 ⬧ ✖ Pinak Shah   Pinak Shah
Write a program which prints the following series.
1, 2, 4, 8, 15, 26, 42, 64, ...

- Input: Any number
- Output: Display total numbers in series as per input.

With selected:
[Delete] [Move to >>]   Problem Solving ⌄

[Problem Solving quiz]