

**Problem statement :**

For a given integer input N, generate the series of N numbers starting from 1, in the following pattern.

1 N 2 N-1 3 N-2 4 n-3

For example If the input number is 6, then you must create all serial numbers between 1 to 6, but create a string of those as per the below format.

1 6 2 5 3 4

A Class **SerialNumbers** given to you with a method **getAllNumbers**.

Method Specification:

Method Name : getAllNumbers

Number Of Parameters : 1, int type

Return type : String as Required

Business Rules:

- If input number is zero or negative then return -1 as string
- All numbers between 1 to N must be included in output string including 1 and N.
- None of the numbers should be repeated in the string.
- There must be exactly one space between each number

- Remove all leading and trailing spaces in the final output.

Example :**input : 4****output : 1 4 2 3****input : 5****output : 1 5 2 4 3****Read the steps below carefully before you start**

1. Download the skeleton code provided (***SerialNumbers.java***)
2. In the downloaded file, add your code in the placeholder - "ADD YOUR CODE HERE"
3. To write code, you can use editors such as Eclipse, Notepad, GEdit, VIM etc
4. Compile your code
5. Check the output and upload the source file i.e., .java file

Follow the below steps to upload the file

1. click on 'Select a file' button. Locate and select the .java file (***SerialNumbers.java***) you want to upload. Ensure that you select the correct file as only one file can be uploaded. In case you selected the wrong file, refresh the page before proceeding to next step.
2. Now the button 'Upload **SerialNumbers.java**' will be displayed. Click this button to upload

No file has been uploaded.

Note: If you have accidentally selected the wrong file, refresh the page. This will allow you to select again.

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Select a file

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