Assignment -13(28-04-2023)
(Jagged Array)

Q1. There are five brothers and sisters are trying to store their marks in one reference (array) for better analysis. But the number of subjects is different for each child as they are reading in different classes. Child1 has 3 subjects, Child2 has 5 subjects, Child3 has 2 subjects, Child4 has 6 subjects and Child5 has 4 subjects. Help them to achieve this.

Design a class JaggedArray with following members:

a) One Array to hold the marks of five brothers & sisters.
b) Constructor to allocate memory for the Array **exactly** as the no of subjects specified for five children.
c) Input marks in different subjects for different children.
d) Show the marks row-wise with child name at the beginning.
e) Show the total marks scored by each child.
f) Count the marks which are more than 80 separately for each child.
g) Alert them by showing the marks which are less than 30 for better preparation.