Program-09

The names of the teams participating in a competition should be displayed on a banner vertically, to accommodate as many teams as possible in a single banner. Design a program to accept the names of N teams, where 2 < N < 9 and display them in vertical order, side by side with a horizontal tab (i.e. eight spaces).  
  
Test your program for the following data and some random data:  
  
Example 1  
  
INPUT:  
N = 3  
Team 1: Emus  
Team 2: Road Rols  
Team 3: Coyote  
  
OUTPUT:  
E R C  
m o o  
u a y  
s d o  
 t  
 R e  
 o   
 l   
 s   
  
Example 2  
  
INPUT:  
N = 4  
Team 1: Royal  
Team 2: Mars  
Team 3: De Rose  
Team 4: Kings  
  
OUTPUT:  
R M D K  
o a e i  
y r n  
a s R g  
l o s  
 s   
 e   
  
Example 3  
  
INPUT:  
N = 10  
  
OUTPUT:  
INVALID INPUT