Standalone working - tasks

1) Create row vector **a** with values:
   10.0, 2.5, 34.0, 28.0, 13.0, 16.0

   Now create vector **b** as a reverse vector of **a**.

2) Create a matrix

$$\mathbf{C} = \begin{bmatrix} 1 & 8 & 5 & 4 \\ 4 & 6 & 9 & -10 \\ 8 & -2 & 2 & -2 \\ 0 & 2 & 1 & 8 \end{bmatrix}$$

   Now evaluate:

   - determinant of **C**
   - diagonal (main and adjacent)
   - sum of columns and save it into variable **SC**
   - sum of rows and save it into variable **SR**
   - create matrix **D** as a red signed part of **C**
   - fill red signed part of **C** with value **5**
   - delete 4th column of **C**