

```

In[1]:= n = 4;
A = {{9, 1, 2, 3}, {2, 2, 0, 1}, {8, 3, 3, 0}, {1, 0, 3, 0}};
(*n=3;
A={{1,2,3},{2,0,1},{3,3,0}};*)
MatrixForm[A]
B[x_, y_, Mat_] :=
  Table[
    Table[
      Mat[[i, j]], {j, Select[Table[m, {m, 1, n}], # != y &]}],
    {i, Select[Table[m, {m, 1, n}], # != x &]}];
MatrixForm[
  B[
    1,
    1,
    A]]

```

Out[3]//MatrixForm=

$$\begin{pmatrix} 9 & 1 & 2 & 3 \\ 2 & 2 & 0 & 1 \\ 8 & 3 & 3 & 0 \\ 1 & 0 & 3 & 0 \end{pmatrix}$$

Out[5]//MatrixForm=

$$\begin{pmatrix} 2 & 0 & 1 \\ 3 & 3 & 0 \\ 0 & 3 & 0 \end{pmatrix}$$