Abstract: Linear preserver problems concern the characterization of linear maps on matrix spaces with a specified invariance property. We introduce LPPs and discuss some recent new results. In particular, we obtain a characterization of bijective linear maps $\phi: M_n(\mathbb{C}) \rightarrow M_n(\mathbb{C})$ satisfying $\phi(A)\phi(B) = M$ whenever $AB = N$, where $M$ and $N$ are fixed $n \times n$ matrices.