

Suppose there are two urns, each containing balls of two different colors. Urn 1 contains 1 red ball and 9 blue balls, while Urn 2 contains 9 red balls and 1 blue balls. You randomly select one urn, and then randomly select a ball from that urn. If you know that the ball you selected is red, what is the probability (%) that it came from Urn 1?

A qr code with a white background

Description automatically generated

**Answer**

**Solution**

