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Probability We have two boxes, 50 black balls, and 50 white balls. First, we choose a box randomly. Then, we take a single random ball from the box. How should we place the balls in the boxes so as the probability of taking a black ball would be the highest possible?

Answer format Give four numbers separated with colons.

 1^{st} – number of black balls in the first box.

 2^{nd} – number of white balls in the first box.

 3^{rd} – number of black balls in the second box.

 4^{th} – number of white balls in the second box.

If the number of balls in each box is not equal, then assume that there are more balls in the second box.

Example 20:20:30:30