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Test 2 Explanation:

The Andersen analysis for test2.tip shows that 'p' points to 'alloc', 'z', and 'y', and 'q' only points to 'y'. Whereas the Steensgaar analysis shows hat both p' and 'p' point to 'alloc', 'z', and 'y'.

Due to Steensgaard analysis treating assignments as bi-directional, in test2.tip, when 'p' is assigned to 'q', the points-to set of both variables are unified. This results in 'p' and 'q' having the same points-to sets. Consequently, this causes the variables 'alloc', 'z', and 'y' to be merged.