A change in AD on a classical AS curve only causes a change in the price level, not on real output. Example:

The Keynesian AS curve assumes that prices and wages are fixed until full employment is reached.

The Classical AS curve

The Keynesian AS curve

Up to real output level $Y_f$, increases in AD have no effect on the price level. Increases in AD beyond $Y_f$ cause an increase in the price level but no increase in real output.