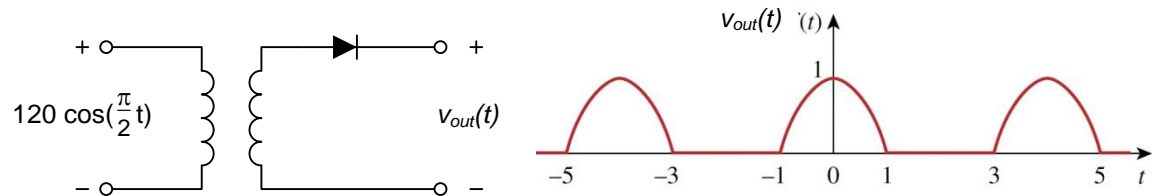


**Given:** When you measure a halfwave rectifier that you built (shown below) you find the given output voltage waveform.



**Find:** The DC ( $A_0$ ) and the amplitude of the first harmonic ( $A_1$ ) of  $v_{out}(t)$ .  
Check answers using intuition/estimation.