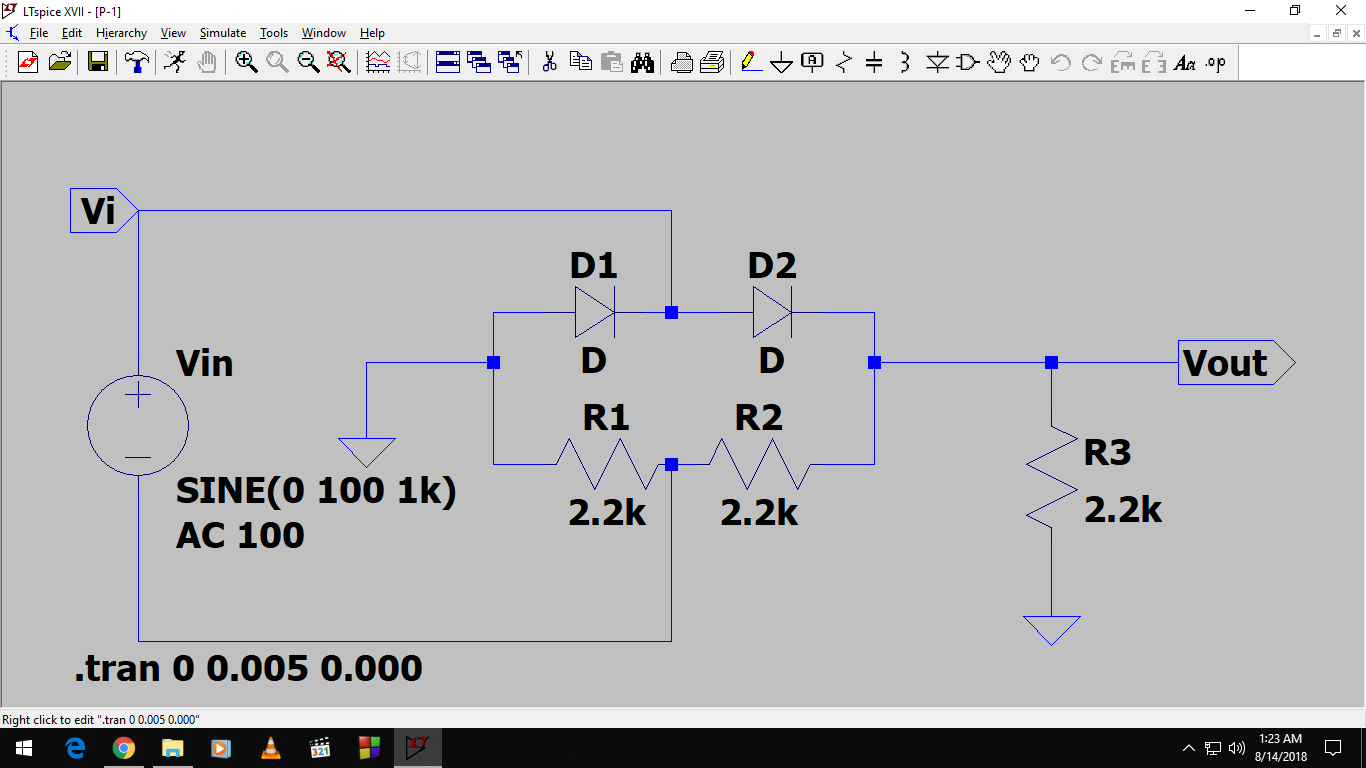
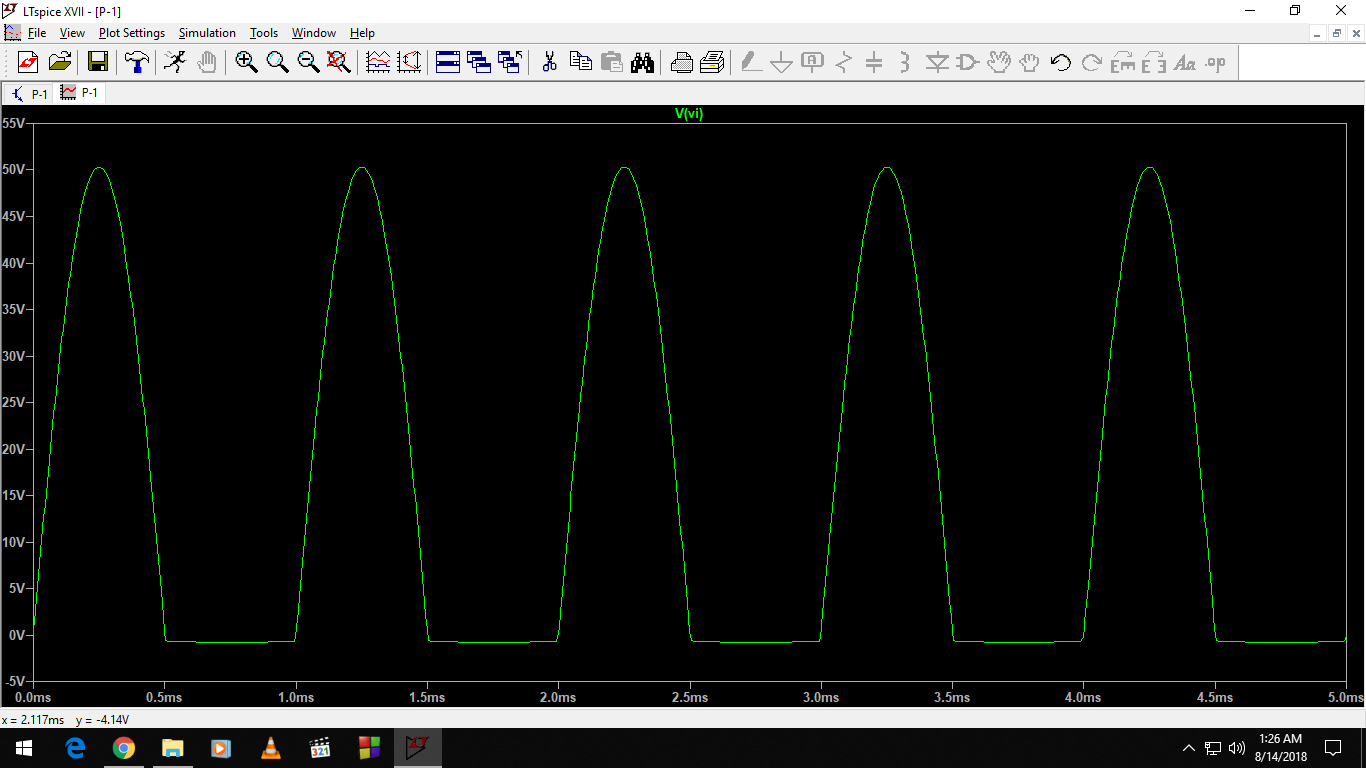
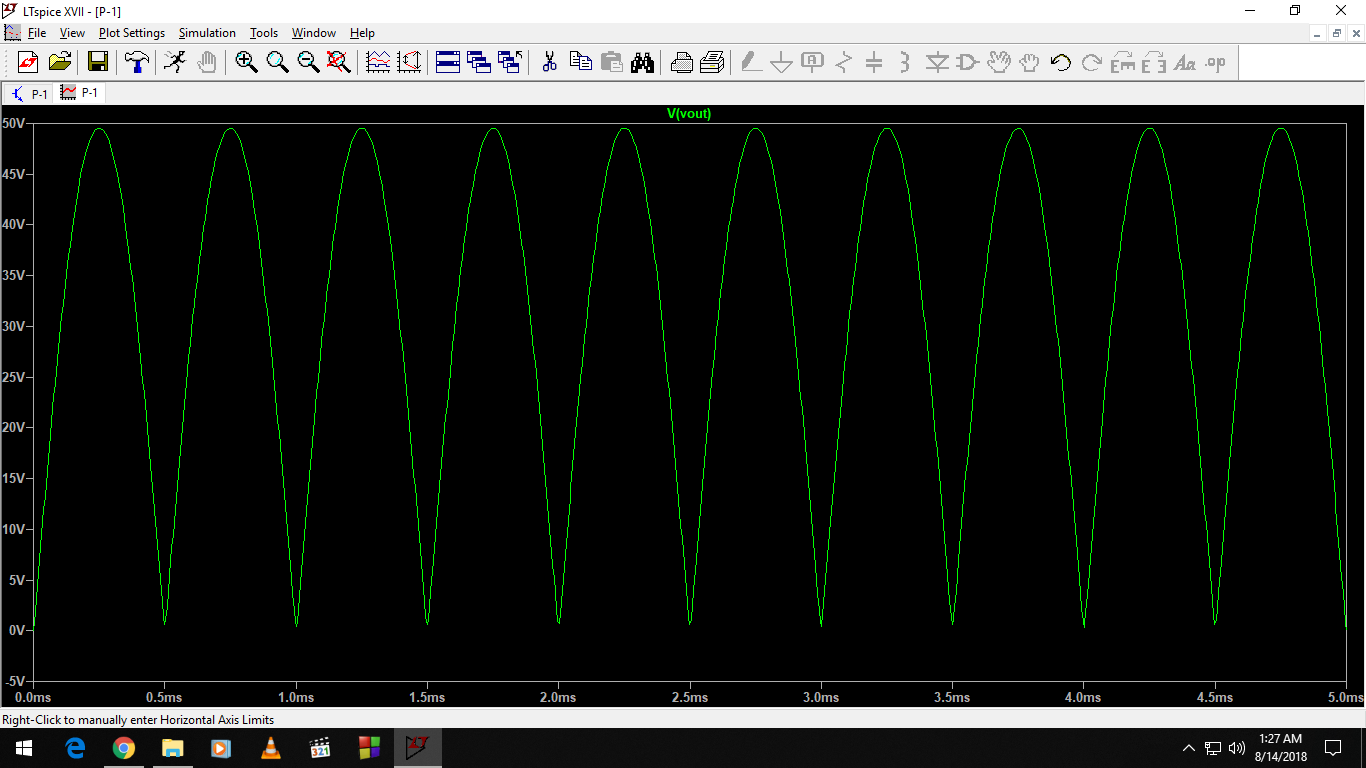
**Screenshots of P.1**



**Figure P.1 (Circuit)**

  
**Figure P.1 (Input)**



**Figure P.1 (Output)**

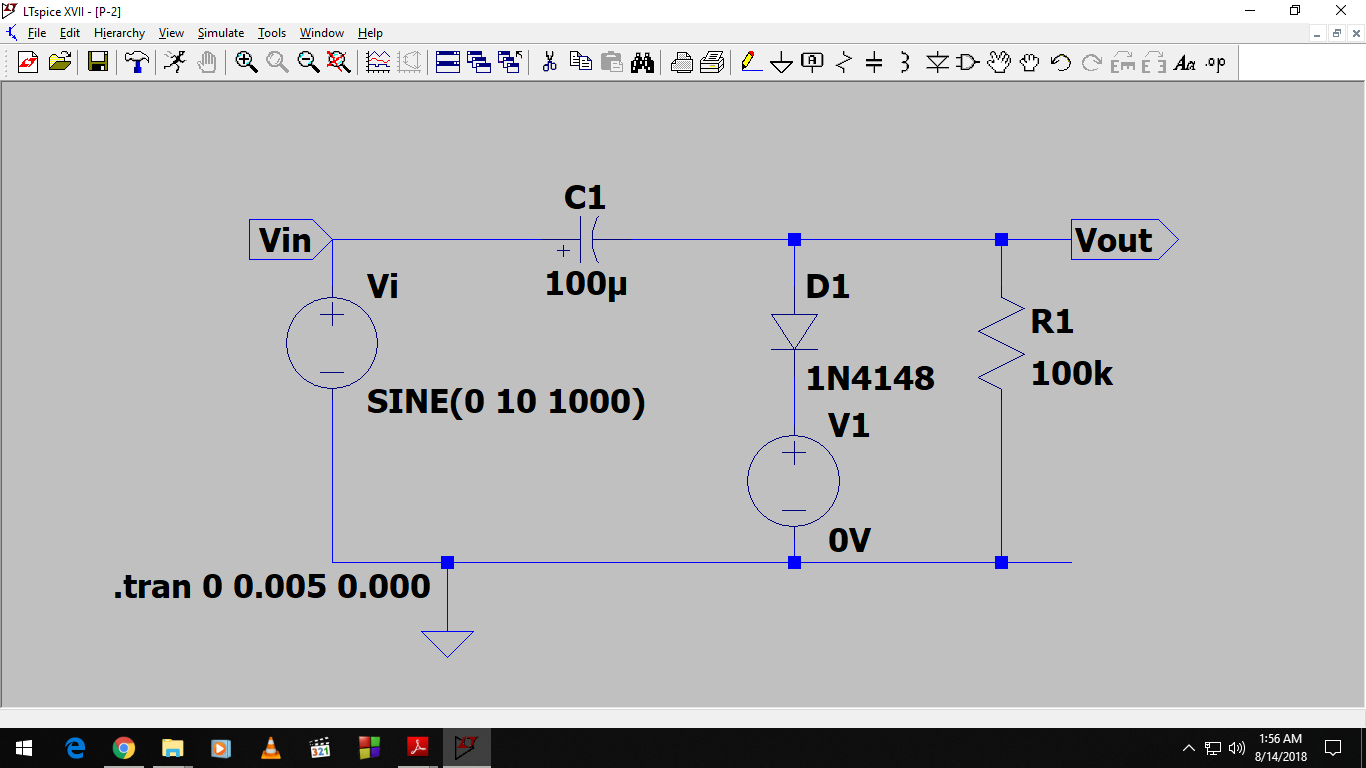
Vm = 49.8 V from the output graph

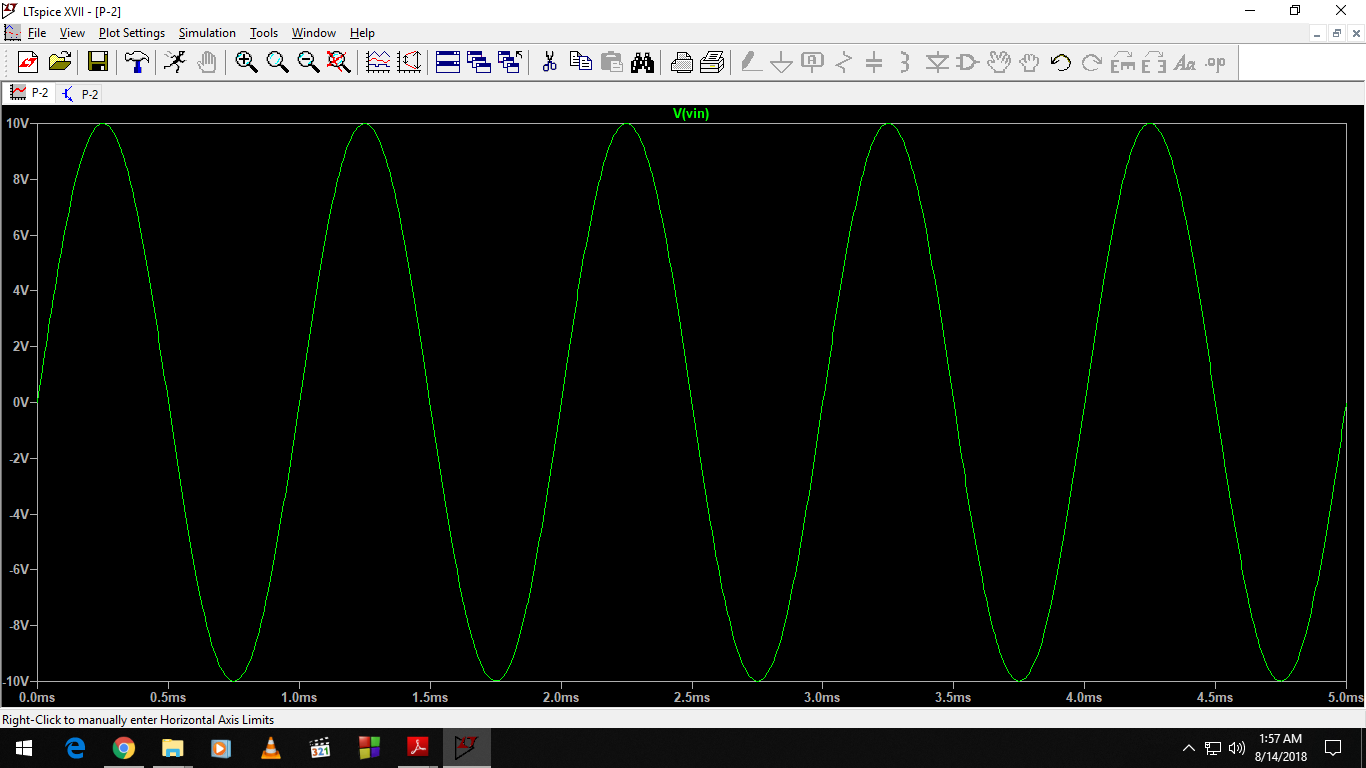
Therefore, value of Vdc = 0.636 \* Vm

= 0.636 \* 49.8 V

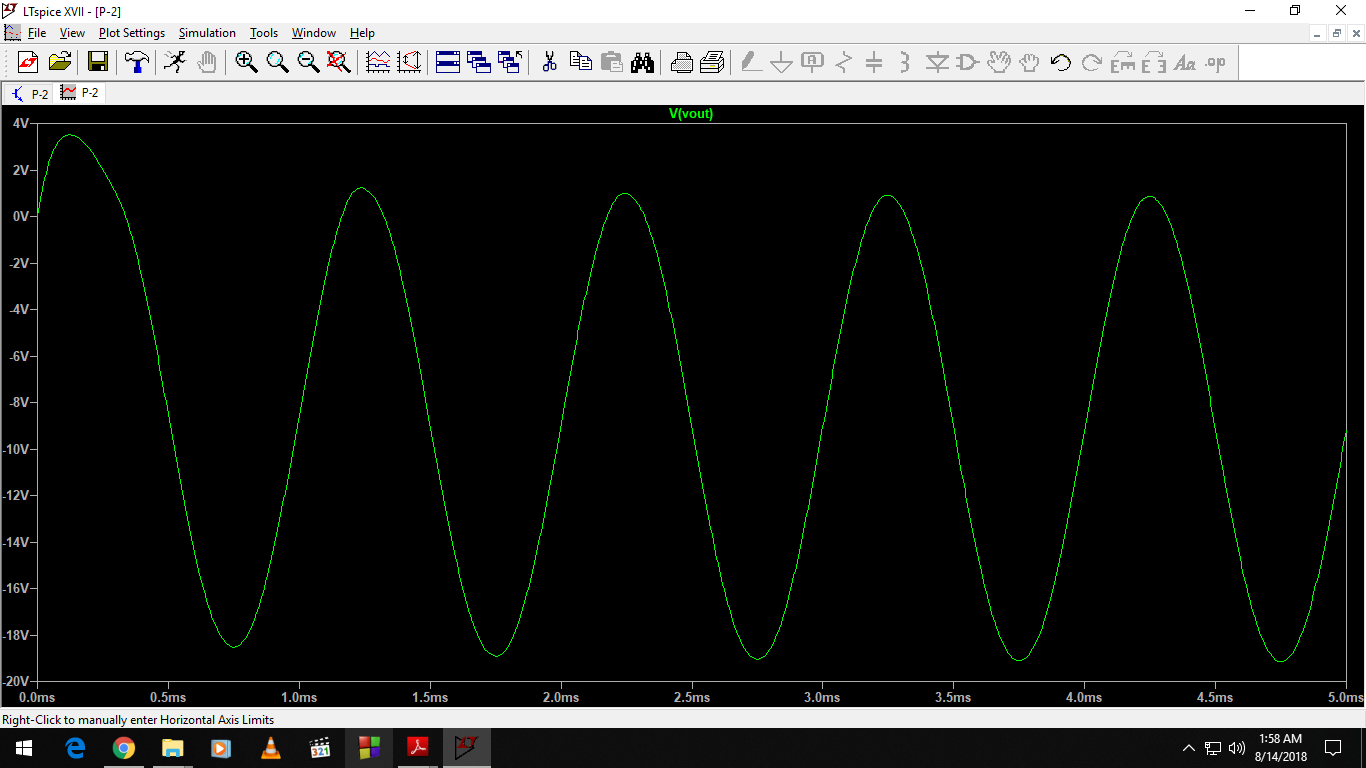
= 31.7 V **(Ans)**

**Screenshots of P.2**

  
**Figure P.2 (Circuit)**



**Figure P.2 (Input)**



**Figure P.2 (Output)**