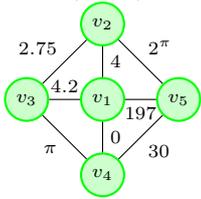
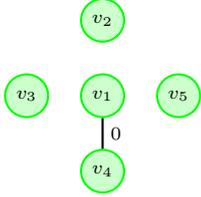


Kruskal's Algorithm:

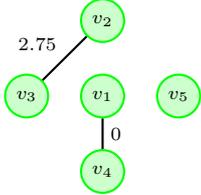
Graph ($N = 5$):



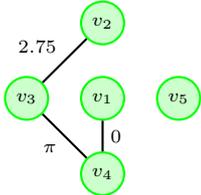
Step 1:



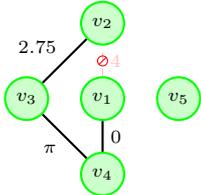
Step 2:



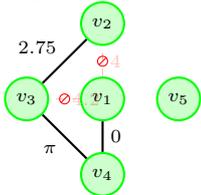
Step 3:



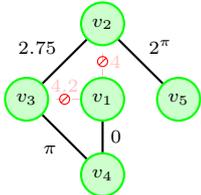
Step 4:



Step 4:

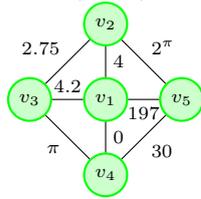


Step 4, $4 = N - 1$ (END):

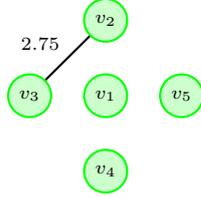


Prim's Algorithm:

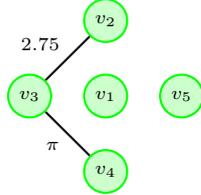
Graph ($N = 5$):



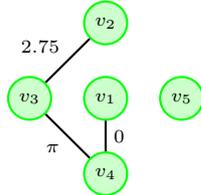
Step 1, start with e.g. v_2 :



Step 2:



Step 3:



Step 4, $4 = N - 1$ (END):

