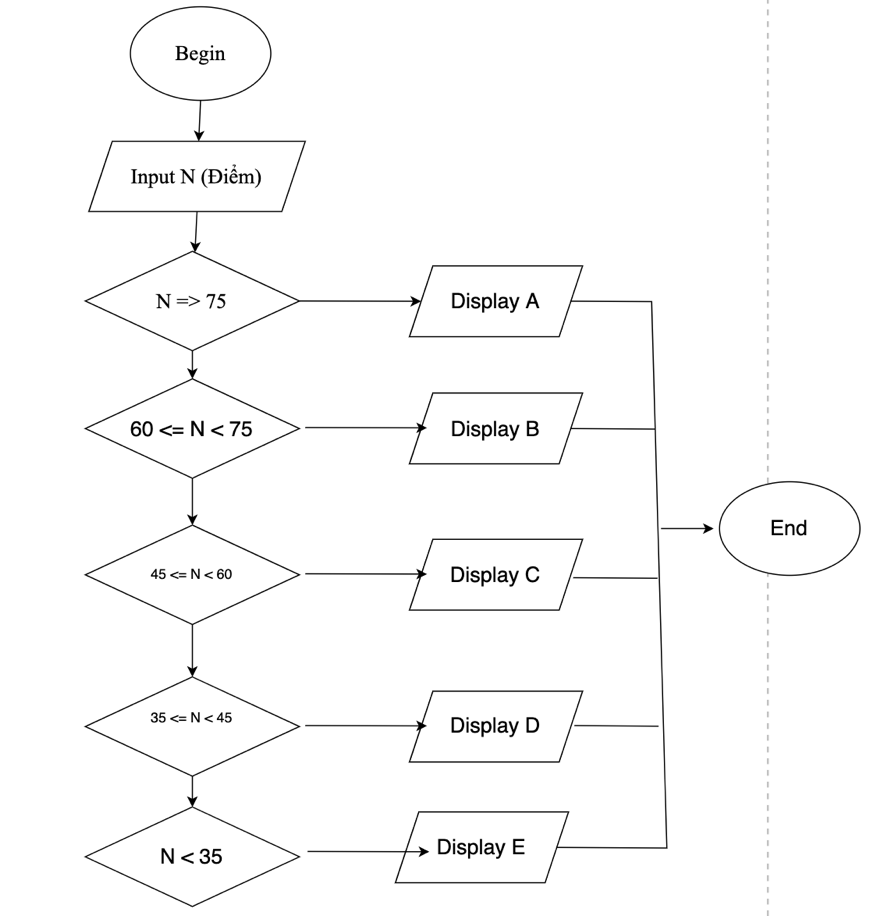
Flowchart:



Pseudo code: