

Consider below initial $K_{3,3}$ graph:

1. Star at $K_{3,3}$, we subdivided the edges $(7,3)$, $(9,3)$ with two new vertices 4, 2
2. we subdivide the edge $(6,5)$ with vertex 1, and subdivides the edge $(1,5)$ with vertex 0
3. add two edges $(1,2)$, $(0,4)$

Therefore, the Petersen graph is generated.

