Summary: Given a tournament $T = (V, A)$, the associated poset $P$ of $T$ is a poset $P = (V, \preceq)$ such that, for all $x, y \in V$, $x \preceq y$ if and only if $x = y$ or $d(x, y) \geq 3$. In this article, it is shown that every tournament is associated with a poset, but there exist posets which are not associated with any tournament. Some remarks on posets which are associated with tournament are given in this paper.

MSC:

05C20 Directed graphs (digraphs), tournaments