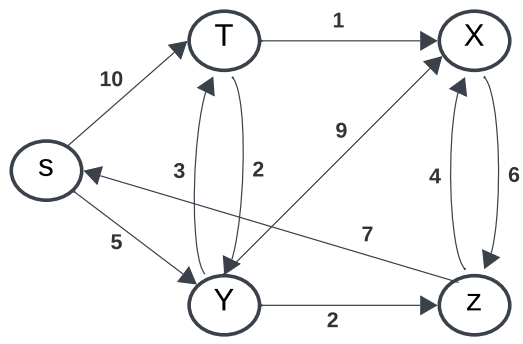
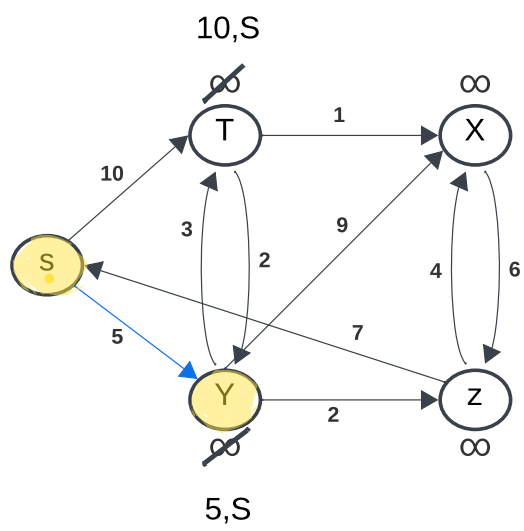
Dijkstra's Shortest Path Algorithm

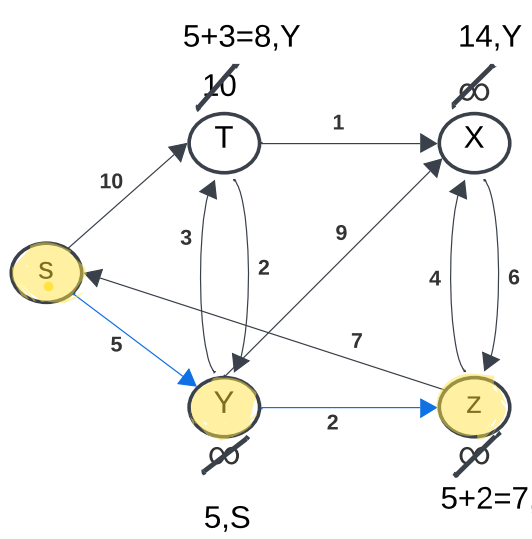


S = { }
Q = {S,T,X,Y,Z}

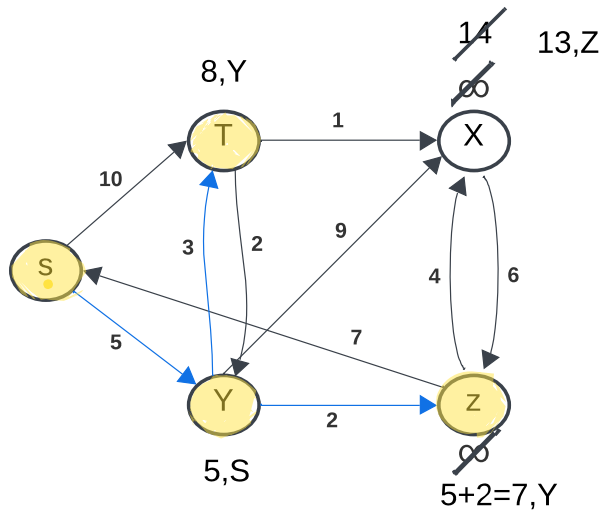


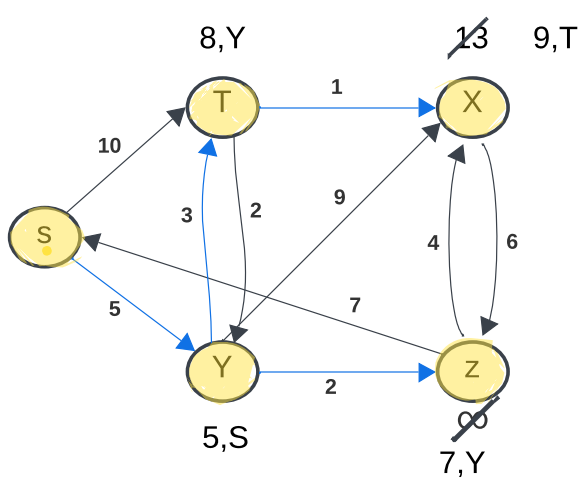
S = {S}
Q = {T,X,Y,Z}

S = {S,Y}
Q = {T,X,Z}



S = {S,Y,Z}
Q = {T,X}



S = {S,Y,Z,T}
Q = {X}

The Shortest Path is: