Edge 0 - 1 included in MST

Edge 2 - 8 included in MST

Edge 2 - 3 included in MST

Edge 3 - 4 included in MST

Edge 5 - 6 included in MST

Edge 6 - 7 included in MST

Edge 0 - 7 included in MST

Edge 2 - 5 included in MST

Cost of MST is 37