**Task3**: What is the state resulting from applying action aaa(B,C) to S1

**Solution:**

(A ttt1)

(B ttt1)

(C ttt1)

(ppp1 B C)

(ppp2 A)

(ppp2 B)

(ppp3 C)

(eee1 B C)

(eee2 B)

(eee3 A)