Calculation for TTI:

1) 3 BS each with 9 RBs controlled by a MVNO -Each BS will be represented by a 3x3 matrix where each of the elements in the matrix represent RBs and the values represent MCS level supported. Merge them and form a single Matrix. Maintain another variable which keeps track of allotted RBs

2) Get the number of MVNOs and their bit rate requirement. Sort them in decreasing order.

3) Starting from the maximum value of mcs present from the list of RB’s, choose the least amount of RB’s and their mcs to satisfy each MVNOs bit rate requirement. Once the RB is chosen mark it in another variable so that it cannot be allocated to other MVNO.

4)