```
                        START


        Read the starting & destination
        station and Card type and time


        Check for stations in the 4
        zones from the lists.


        According to the card
        type and zones check for
        the cost.


                Are the
              stations on
               different
                lines?

    No                              Yes

  Print cost,                    Print cost,
  nest time's                    nest time's
  train, number                  train, number
  of stops.                      of stops,
                                 interchange
                                 stations.

        End

                                    End
```

Algorithm

- Read the starting & destination station, Card type & next train's time.
- Check for stations in the 4 zones from the lists.
- According to the card type and zones check for the cost.
- From the list of stations calculate the number of stations & interchange station (when stations are on different lines).
- Print the cost, next train's time & number of stations and interchange station (when required).