Test Case	Sample Data	Expected Result (Google Maps)	Checked
Only one-Bus	Origin: 41.909511,-87.768083 North Ave & Waller Destination: 41.909376,-87.775066 North Ave & Austin	take the bus 72 th line from this stop "North Ave & Major " which is going to this stop "North Ave & Austin" then get off at that stop.	Exactly the same
Only one-Bus	Origin: 41.853186, -87.623709 Tommy Gun's Garage Destination: 41.870503, -87.624006, Michigan & 9th Street	take the bus 4 th line from this stop "Michigan & 21st Street " which is going to this stop "Michigan & 9th Street" then get off at that stop. OR (2) take the bus 1 st line from this stop "Michigan & 21st Street " which is going to this stop "Michigan & 9th Street" then get off at that stop.	Exactly as (2) but from this stop "Michigan & Cermak" which is directly beside Michigan & 21st Street
Only Two - Buses	Origin: 41.7859722,-7.7524167 Midway Airport Destination: 41.8383158,-7.6266167 SB	take the bus 55 th line from this stop (Midway & Orange Line Station) then transfer to 29 th line at this stop (Garfield & State). Leave the bus at this stop: "State & 31st Street" OR (2) take the Orange line from Midaway stop to Rosevelt then transfer to Green line and leave the train at 35-Bronzevelt IIT	Exactly as (1)

Only Two - Buses	Origin: 41.909511,-87.768083 North Ave & Waller Destination 41.892726,-87.725928 Pulaski & Erie	take the bus 72 th line from this stop (North Ave & Waller) then transfer to 53 th line at this stop (North Ave & Pulaski). Leave the bus at this stop: "Pulaski & Erie" OR (2) take the bus 70 th line from this stop (Division & Waller) then leave the bus at this stop: "Division & Pulaski" Need a lot of walking	Exactly as the (1) But by using this stop "North Ave & Major" which is directly beside: "North Ave & Waller"
Only one-Train	Origin: 41.831688,-87.62585 35-Bronzeville IIT Destination: 41.867386-87.627034 Roosevelt	From this stop "35-Bronzeville IIT" take the train which is going to this stop "Roosevelt" then get off at that stop.	Exactly the same
Only two Trains	Origin: 41.982973,-87.859996 "O'Hare Airport"	From this stop: "Rosemont-Blue" take the Blue-line Train which is going to this stop: Clark/Lake then at that stop transfer to the Green-line Train which is going to this stop: "35-Bronzeville-IIT-Green" Then, get off the Train at that stop.	Exactly the same
Only two Trains	Origin: 41.831688,-87.62585 35-Bronzeville IIT Destination: 41.7859722,-87.7524167 Midway Airport	from this stop "35-Bronzeville IIT" take the train which is going to this stop "Roosevelt" then transfer to the train which is going to this stop "Midway - Orange Line" then get off the train at that stop.	Exactly the same

Hybrid buses → trains	Origin: 41.909511,-87.768083 North Ave & Waller Destination: 41.831688,-87.62585 35-Bronzeville IIT	from this stop "North Ave & Waller" take the 72th line bus which is going to this stop "North Ave &Clybourn/Halsted" then transfer to the red line train which is going to this stop "sox-35th" then get off the train at that stop.	I got the same first two parts, but then transfer from Red line to Green line at Roosevelt which is going to IIT I think that's better for lazy ppl ©
Hybrid buses→trains	Origin: 41.80243723,-87.59532709 E Hyde Park & Kimbark	From this stop: "E Hyde Park & Kimbark" take the 2-line Bus which is going to this stop: "State & Harrison/Congress" Then get off the Bus at that stop. From this stop: "State & Harrison/Congress" take the Red-line Train which is going to this stop: "Roosevelt" Then get off the Train at that stop.	Exactly the same
Hybrid trains→buses	Origin: 41.7859722,-7.7524167 Midway Airport Destination: 41.909376,-87.775066 North Ave & Austin	From this stop: "Midway Orange Line Station" take the Orange-line Train which is going to this stop: "State/Lake" then at that stop transfer to the Red-line Train which is going to this stop: "North Avenue & Clybourn/Halsted" Then get off the Train at that stop. From this stop: "North Ave & Clybourn/Halsted (Red Line)" take the 72-line Bus which is going to this stop: "North Ave & Austin" Then get off the Bus at that stop.	Exactly the same
Hybrid trains→buses	Origin: 41.982973,-87.859996 "O'Hare Airport" Destination: 41.892726 ,-87.725928 Pulaski & Erie	From this stop: "Rosemont-Blue" take the Blue-line Train which is going to this stop: "Pulaski-Forest Park-Blue" Then, get off the Train at that stop. From this stop: "Pulaski & Blue Line Station" take the 53-line Bus which is going to this stop: "Pulaski & Erie" Then get off the Bus at that stop.	Exactly the same

Hybrid buses → train → buses	Origin: 41.909376, - 87.775066 North Ave & Major Destination: 41.851402, -87.616361 Cermak & McCormick Place	From this stop: "North Ave & Major" take the 72-line Bus which is going to this stop: "North Ave & Clybourn " Then get off the Bus at that stop. From this stop: "North Avenue & Clybourn" take the Red-line Train which is going to this stop: "Cermak-Chinatown" Then get off the Train at that stop. From this stop: "Cermak & Chinatown" take the 21-line Bus which is going to this stop: "Cermak & McCormick Place" Then get off the Bus at that	Exactly the same
		stop.	