Assignment Compare the two a. The interquatile range.
Interqualtile range. b. Any outliers in either set. The five number summary for the day end night classes is Median as Sh. Minimum 74.5 82,5 99 56 32 Day 81 89 98 78 25.5 Vight

5,5001

Observation

The Lesser outlier value for

Day = 16.25

Night = 61.50

* For the Day Row if the minimum value is lesser than 16.25 then we can say that there is a potential lesser outlier value exists in the Day Row.

But in the Day row the minimum, value is 32 thante which is great than 16.25, hence there is no losser outlier exists in the Day low

Re lesser than 61.50, then we can the there is a matrial. hat there is a potential lesser outling paists in the Night Row Testists in the Night row. he night low, the minimum value is which is lesser than 61.50, hence are confirming that there is a potential lesses outlier value esuists) in he Night Row. The Greater outlier value for Day = 122.25 [Night = 105.5] to the Day low if the maximum value is a so on the street value Reater than the greater outlier value 12) 122.25, then we can say that she is a potential greater outlier value

* But in the Day row the maximen value is 99 which is not greater than 122, 25, hence there is no greater outier exists in the Day low. *For the night low, it the marimum value is greater than the greater outlier value ci-e) 105.5, then we can say that there is a potential greater outlier enists in the night low. * But in the right row the mariemen bal PS 98 which is not greater than 1050, hence there is no greater outlier exits in the night row.

In Short

Day Row = No lesses /graates outlies con Night low = lesses outlies exists No greater outlies