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ROLL No: - 11912083. Date Nand
BRANCH :- I. T.
Inscrtion Sort
1) log i = 0 ? la de la la la conse tême complosity)
1) for i=02 to strong A-length (n)
2) Key = A[2]
3·) (j = (+
4) while is > D & ACiJ > ky
5) A[j+1] = A[i) \ (6) 2 i-1
7.) ACJ+17 2 Kg
Example :
10 20 30 40 50 (n25)
Tost of line G&7 is G&C2 respectively
than,
T(5) 2 C1X5 + (2X5 = C5
jor genral
Tens = cy od ocn)
NA 1010 12
Modification to reduce the complexity of buttion sort.
meetian sort.
Binary Exception xout -> que très une com benary
statch algorithm.
To fluid out the correct position of the
To flud out the correct position of the westerd element by average