NAME: Ramya Pamesh USN: 1BM19CHD38 laby = Queue Implementation WAP to simulate the working of a queue of integers using an array. Provide the following operations: a) Insert b) Debete The program should point appropriate messages for queue empty & queue overflow conditions int A [SIZE] front < -1 dear € -1 Enqueue (n) if (IsFUUC)) points (" Queue overflow") else if (Is Empty) rear + rear + 1 A [rear] + n Degrene ()

YOUVA Date: if (IsEmpty ())

point ("Queue is empty")

else if (foont = = rear) font < reart -1 else front a front + 2 De Foll () if (sear = = Size (a) - 1)

retion Toue

clse

retion False Is Empty! if (Bront = = -1 | R rear == -1) retin True else reton False