| RO11 | and Assignment Nikita D Bhosale GURUKUL PRODURE |
|----------|--|
| | Aim: To design data structure for pass 2 assem |
| | Problem stut: Implement Pass I of 2 pass |
| | using feature. The olf of assignment I should |
| | be input for this assignment. |
| | Theory: |
| A | build and and |
| 0 | Two pass assembles! |
| Tark | - Performs 2 passes over the source frogram |
| 1010 | - In I pass reads therentire source prog looking |
| | only for labels defination |
| | - All labels are collected assigned address and |
| | placed in sum table in this pays |
| - CIDITY | - In 2 Pass the instruction are again read & assembled using symbol tuble |
| | - Assembles and time to the |
| 77.15 | MIC code For that line |
| To late | 13 43 313 |
| 2 | Data Structure ! - |
| | 803 |
| | Location counter (LC) |
| | points to the next location where the code |
| | will be placed |
| | STATE OF THE PARTY |
| 0 | orcode translation table |
| | contains symbolic instruction their length |
| -1997 | and their opeodes. |
| 3 | Symbol table (ST) |
| | contain lables and their values. |
| | |