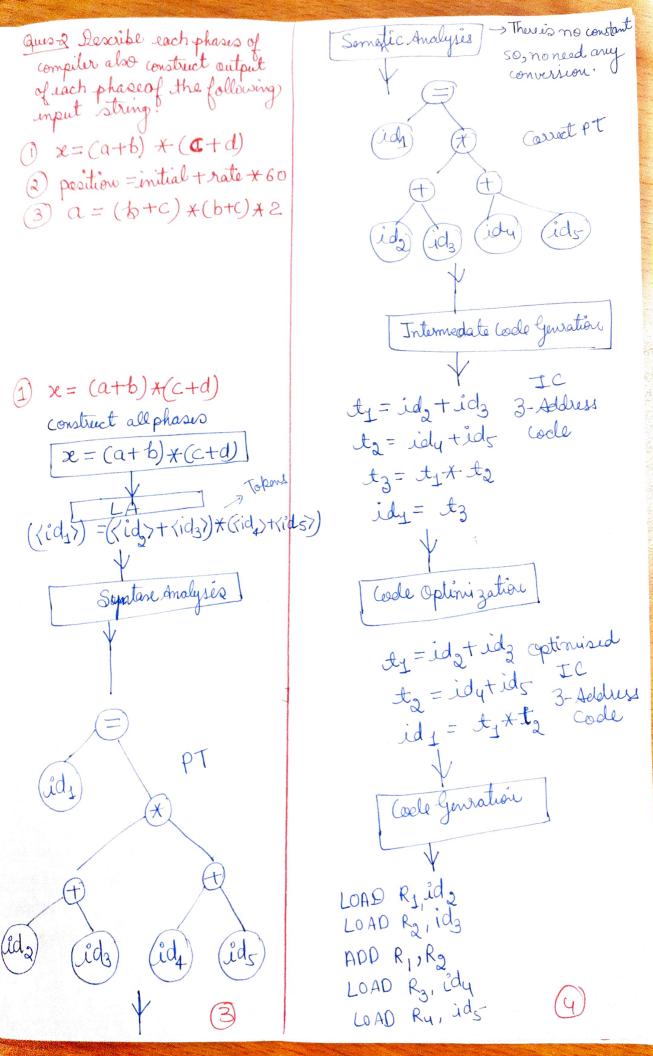
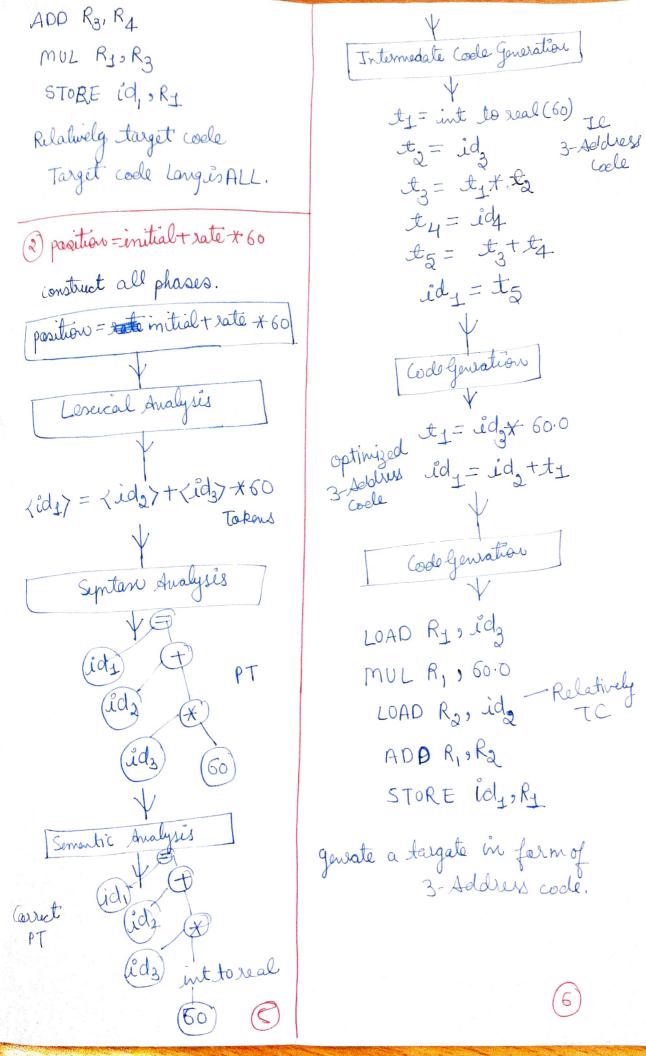
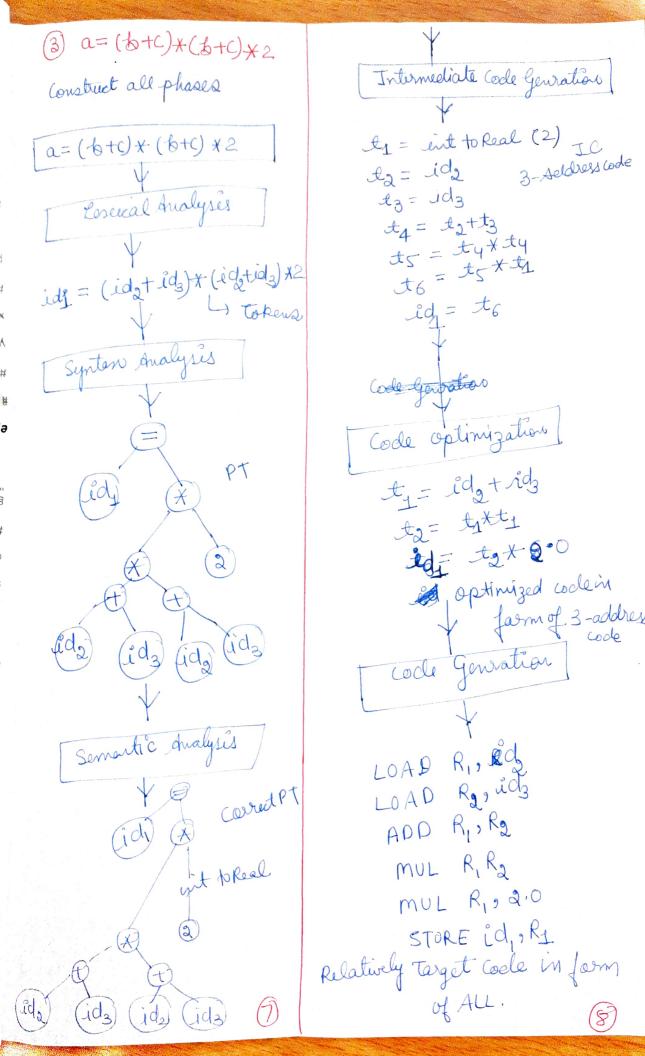
Ques-1 Describe each phases of compiler also construct output of each phase of the following input string x = (a+b) + (a+b)

Sementic Analysis

\* if there is any type Correct Parse Tree convesion 4ts perform those conversion. \* In this no constant, so, no need any conversion (Rida) (Rida) (Rida) some folting point values. Internated code Garration ty= ide > Interniale code in ta=ida the form of 3-address t3 = +++ t2 ty = t3 \* t2 idy = \$4 Coole optinization aptimised IC ty=idatida inform of 3-address ždj= tj\*tj code. \*CPU can executed Code Generation faster. LODA Ris Edg STORE id, Ry LODA Rz, ids Relatively ALL ADD RI, Re MUL RI, RI







Some athus Question

- O i= i x 50+j+3
- @ a= (a+b) + 50+j+z
- 3) p= (xxx+t