

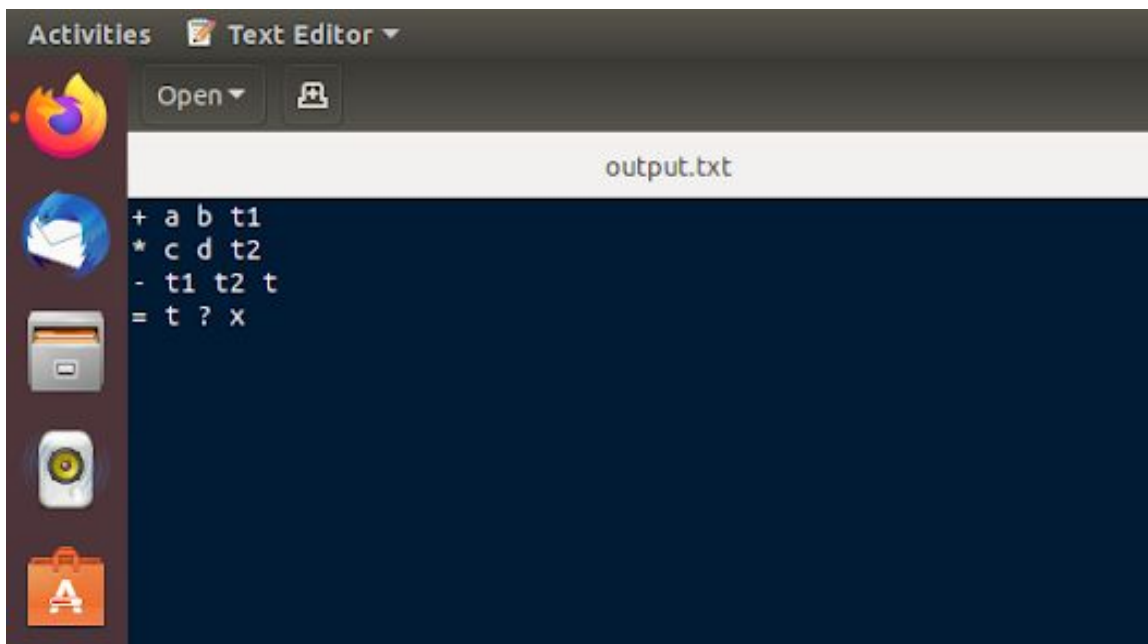
AIM

To implement intermediate code generation for simple expressions.

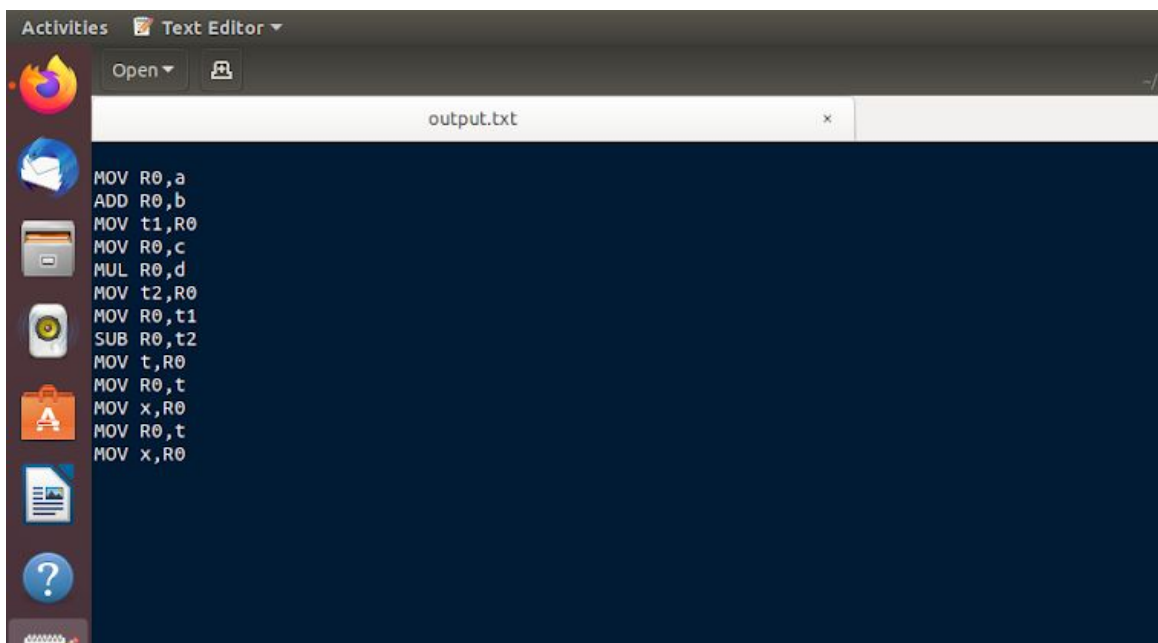
ALGORITHM

1. Start
2. Open the input file in read mode.
3. Open the output file in write mode.
4. In input file scan for operator, argument1, argument2 and result.
5. If the operator is '+'
Move arg1 to R0
Add arg2 and R0
Move R0 to result
6. If the operator is '-'
Move arg1 to R0
Subtract arg2 and R0
Move R0 to result
7. If the operator is '*'
Move arg1 to R0
Multiply arg2 and R0
Move R0 to result
8. If the operator is '/'
Move arg1 to R0
Divide arg2 and R0
Move R0 to result
9. If the operator is '='
Move arg1 to R0
Move R0 to result
10. Close both the files.
11. Stop

OUTPUT



input.txt



output.txt