**Assignment on Assembly coding**

1. For the given expression, X=(A+B) \*C write assembly code using
2. 1 address instruction
3. 0 address instruction

OPCODE – SUM, MUL, PUSH, POP, LOAD, MOVE

OPERAND – A, B, C

1. Write 3 address instruction set for the given expressions:
2. P = A - ( B + C \* D ) / E
3. X = ( ( ( A + 7 ) \* ( B / C ) ) - ( 2 \* D ) )
4. Write an assembly code to calculate the sum of squares of 4 and 5 through registers. OPCODE – MUL, MOVE, ADD

REGISTERS – R1, R2