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| **Test number** | **Test case** | **Result** | **Expected result** |
| 0 | Execute Immediate Instructions: |  |  |
| 1 | MOV (Move)  op 001001 |  | MOV R1,#9 -> R1 should have the value 9 (R1 = 00001001)  MOV R2,#3 -> R2 should have the value 3 (R2 = 00000011) |
| 2 | ADD (Add)  op 000011 |  | ADD, R1, R2 -> The expected value is 12  (00001100) |
| 3 | SUB (Subtract)  op 000100 |  | SUB R1, R2 -> The expected value is 6  (00000110) |
| 4 | MUL (Multiply)  op 001010 |  | MUL R1,R2 -> The expected value is 27  (00011011) |
| 5 | DIV (Divide)  op 001011 |  | DIV R1,R2 -> The expected value is 3  (00000011) |
| 6 | MOD (Modulo)  op 001100 |  | MOD R1,R2 - > The expected value is 2  (00000010) |
| 7 | INC (Increment)  op 010010 |  | INC R1 -> The expected value is 10 (00001010) |
| 8 | DEC (Decrement)  Op 010011 |  | DEC R1 ->The expected value is 8 (00001000) |