PSEUDOCODE

Problem 1

```
START
INPUT A, B and C
IF A > B and A > C,
    PRINT "A is greatest".
IF B > C and B > A,
    PRINT "B is greatest"
IF C > A and C > B,
    PRINT "C is greatest"
ELSE
    PRINT "All inputs are equal"
END
```

Problem 2

```
START
INPUT A, B and C
~~IF Sum =~~
SET Sum = SUM(A, B, C)
PRINT Sum.
END
```

Problem 3

```
START
INPUT A, OP and B.
IF OP =/= '+' and OP =/= '-'
    END
CAL (Result, A, OP, B).
PRINT Result
END
```

ALGORITHMS

P1

STEP 1 - START
STEP 2 - Input A and B.
STEP 3 - IF B % A == 0, PRINT "B is a divisor of A". Else, PRINT "B is not a divisor of A" and GOTO step 5.
STEP 4 - IF B % 2 == 0, PRINT "B is even". Else PRINT "B is odd".
STEP 5 - END.

P2

STEP 1 - START
STEP 2 - Input Month.
STEP 3 - IF Month < 1 or Month > 12, PRINT "Invalid Month". GOTO step 5.
STEP 4 - PRINT GetMonthName(Month).
STEP 5 - END.

P3

STEP 1 - START
STEP 2 - INPUT A, OP and B.
STEP 3 - IF NOT IsValidOperation(OP), PRINT "Invalid Operation". GOTO step
STEP 4 - SET Result = Calc(A, OP, B)
STEP 5 - PRINT Result.
STEP 6 - END

IsValidOperation returns true is operation is +, -, *, /, %.