

24-0529 SHAHZAIB ALI

PSEUDOCODE

ANS 1)

```
START
INPUT number1
INPUT number2
INPUT number3
IF number1 > number2 AND number1 > number3 THEN
    PRINT "NUMBER 1 IS THE LARGEST"
ELSE IF number2 > number1 AND number2 > number3 THEN
    PRINT "NUMBER 2 IS THE LARGEST"
ELSE IF number3 > number1 AND number3 > number2 THEN
    PRINT "NUMBER 3 IS THE LARGEST"
END
```

ANS 2)

```
START
INPUT number1
INPUT number2
INPUT number3
SET sum = 0
Sum = 0 - number1 - number2 - number3
SUM= SUM * -1
PRINT "SUM"
END
```

ANS 3)

```
START
INPUT number1
INPUT number2
SET RESULT = 0
IF OPERATOR = + THEN
SET RESULT "number1 + number2"
ELSE
SET RESULT "number1 – number 2"
PRINT "RESULT"
END
```

ALGORITHMS

ANS 1)

1. ASK THE USER TO ENTER NTH NUMBER
2. ASK THE USER TO ENTER N NUMBER
3. SET "CHECKING" TO CHECK WHETHER $N \% NTH == 0$
4. IF CHECKING COMES EQUAL TO ZERO THEN IT IS A DIVISOR
5. NOW USE IF-ELSE LOOP TO CHECK IF NTH IS AND EVEN OR ODD NUMBER
6. IF $NTH \% 2 == 0$ THEN IT IS AND EVEN NUMBER
7. OTHERWISE IT'S AN ODD NUMBER

ANS 2)

1. USE A BLOCK OF MEMORY TO STORE MONTHS AND GIVE NUMBER TO EACH ONE BY ONE.
2. JANUARY = 1 ,..., DECEMBER = 12
3. TAKE THE RANDOM NUMBER FROM USER FROM 1 TO 10
4. PRINT MONTH WHEN THE NUMBER ATTACHED WITH IT IS BEING INPUT BY USER

ANS 3)

1. TAKE 2 INTEGERS AS INPUT FROM THE USER
2. USE OPERATORS WHILE USING IF-ELIF THING
3. SHOW AN ERROR WHEN USER TRIES TO INPUT SECOND VALUE AS ZERO IN DIVISION
4. SHOW AN ERROR WHEN USER TRIES TO INPUT SECOND VALUE AS ZERO IN MODULUS
5. TAKE RESULT AS CALCULATED VALUE WHERE OPERATION IS PERFORMED BETWEEN TWO NUMBER USING OPERATOR
6. PRINT RESULT