Question:04 (Pseudo Code)

25L-2505

```
Start

  input x
  input y

  IF (x=0)
     IF(y=0)
    PRINT "Point lies at origin".
     ELSE IF (y>0)
     PRINT "Point lies on positive y-axis".
      ELSE IF (y<0)
      PRINT "Point lies on negative y-axis."
      End IF
  ELSE IF (y=0)
       IF (x>0)
  PRINT "Point lies on positive x-axis."
      ELSE IF (x<0)
   PRINT "Point lies on negative x-axis."
      End IF

    ELSE IF
        (x>0)
         IF (y>0)
  . Print "Point in Quadrant I."
        ELSE IF (y<0)
     Print "Point in Quadrant IV."
         End IF.

      ELSE IF
            (x<0)
        IF (y>0)
      Print "Point in Quadrant II."
        ELSE IF (y<0)
      Print "Point in Quadrant III".
        End IF
     End IF
  END.
```

Question:5 (Pseudo Code)

25L-2505

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```
Start
input   bd,bm,by     // birth date
input   cd,cm,cy     // current date
    IF (by>cy) OR (by=cy AND bm>cm) OR (by=cy AND bm=cm
                                        AND bd>cd)
    PRINT "Birthdate is in the future".
    End IF
    IF (bm>cm)
        IF(bd>cd)
        years=(cy-by)-1
        months=(12-bm+cm)-1
        days=(daysinamonth-bd+cm)-1
        ELSE IF (bd<cd) OR (bd=cd)
        years=(cy-by)-1
        month=(12-bm+cm)
        days=(cd-bd)
        End IF
    End IF
ELSE IF (bm<cm)
        IF(bd>cd)
        years=cy-by
        months=(cm-bm)-1
        days=(daysinamonth-bd+cd)
    EF  ELSE IF(bd<cd) OR (bd=cd)
        years=cy-by
        months=cm-bm
        days=cd-bd
        End IF
  ELSE IF(bm=cm)
      IF(bd>cd)
```

```
years = (cy - by) + 1
months = (12 - bm + cm) + 1
days = ( days in a month - bd + cd) + 1
 ELSE IF (bd < cd) OR (bd = cd)
  years = cy - by
  months = cm - bm
  days = cd - bd
  End IF
End IF

END
```