

Pseudocodes

QUESTION 1

```
1 START
2 INPUT Num 1
3 INPUT Num 2
4 INPUT Num 3
5 SET Greatest to 0
6 IF num1 > num2 and num1 > num3
    THEN greatest to num 1
7 ELSE
        IF num2 > num1 and num2 > num3
            THEN SET greatest to num 2
8 ELSE
    SET greatest to num 3 ENDIF
9 DISPLAY "The Greatest number"
10 END
```

QUESTION 2

- 1 START
- 2 INPUT Hours Parked
- 3 INPUT Parking fee~~50~~
- 4 SET Parking Fee = 0
- 5 SET Hours Parked = 0
- 6 IF Hours Parked ≥ 1 THEN
SET Parking Fee = 5 + (Hours Parked - 1) * 3
ENDIF
- 7 DISPLAY "Total Parking fee"
- 8 END

QUESTION 3

- 1 START
- 2 INPUT no. of items
- 3 SET total cost = 0
- 4 FOR x From 1 to number of items DO
INPUT item price
ENDFOR
- 5 SET total cost = total cost + item price
- 6 IF total cost ≤ 100 THEN
DISPLAY "The cost of item"
- EELSE
IF total cost > 100 THEN
discount = (item Price / 100) * 10
total cost = total cost - discount
DISPLAY "The total amount of total cost"
ENDIF
- 7 END

QUESTION 4

1. START
2. INPUT number.
3. SET $x=0$
4. SET $x = \text{number}/2$
5. IF $x^* 2 = \text{number}$ THEN
PRINT "The number is even"
ELSE
PRINT "The number is odd"
6. END

ALGORITHMS

QUESTION 1

- Ask the user to enter attendance
- Test if attendance % is less than 75%
then print a warning Letter.
- Test if attendance % is greater or
equal to 75% display "Your attendance is
satisfactory".

QUESTION 2

- Ask the user to give no. of hours worked.
 - Ask the user to input pay rate.
 - Calculate grossPay
- $\text{grossPay} = \text{hours worked} \times \text{payrate}$
- Display grossPay for the user.

QUESTION 4

- Ask user to give no. of items
- Ask user to enter price of every item.
- Total cost is sum of price of every item.
- Ask customer for tip.
- If customer deny, display Total cost.
- If customer agrees, then
$$\text{tip} = \frac{\text{total cost}}{100} \times 15$$

100

cost with tip = total cost + tip

- Display cost with tip.

QUESTION 3

- Ask the user to enter numbers n_1 and n_2 .
- Ask the user which operation is to be performed.
 - If operation is addition, then
$$\text{result} = n_1 + n_2$$
 - If operation is subtraction, then
$$\text{result} = n_1 - n_2$$
 - If operation is division, then
$$\text{result} = n_1 \div n_2$$
 - If operation is multiplication, then
$$\text{result} = n_1 \times n_2$$
 - If operation is percentage, then
$$\text{result} = n_1 \% n_2$$

QUESTIONS

- Ask user to input scores
- If score greater than 90 .
Display A grade
- If score is greater than 80 and less than 90.
Display B grade.
- If score is greater than 70 and less than 80.
Display C grade.