PSEUDOCODES:

TASK 01:

1- START
2- INPUT number 1
3- INPUT number 2
4- INPUT number 3
5- SET Greatest to 0
6- IF number 1 > number 2 and number 1 > number 3 THEN
   DISPLAY "The maximum number is : number 1".
7- ELSE IF number 2 > number 1 and number 2 > number 3 THEN
   DISPLAY "The maximum number is: number 2"
8- ELSE
   DISPLAY "The maximum number is: number 3"
9- END

TASK 02:

1) START
2- SET Parking_Fees = 5 $
3- INPUT Total no. of hours parked
4- IF total no. of hours parked > 1
   - SET. Parking_Fees = 5 + (total no. of hours parked - 1) * 3
   - DISPLAY "The parking fees is = Parking_Fees".
5- STOP

TASK 03:

1- START
2- SET Total Cost = 0
3- REPEAT
4- INPUT Name and Price of each item
5- SET Total cost = total cost + Item cost
6- UNTIL all items are inputted.
7- IF Total Cost > 100 THEN
8- ~~SET~~ SET Discounted Cost = Total cost * (0.9)
// 10% discount
9- PRINT "Discounted Cost"
10- ELSE
11- PRINT "Total Cost"
12- END

TASK 04:

1- START.
2- INPUT number (n)
3- IF number %2 == 0 THEN
4- DISPLAY "The number is Even"
5- ELSE
6- DISPLAY "The number is Odd"

7. END

ALGORITHMS:

TASK 01:

- Ask the Students to enter no. of days present
- Set the total days to 100
- Set "Attendance percentage" to no. of days present divided by total days and then multiply by 100.
- If the percentage calculated is greater than 75. Then, Display "Your attendance is satisfactory.
- If the percentage falls below 75, Then " Display "Your percentage is short, this is the last warning to attend classes on daily basis.

TASK 02:

- Ask the Employee to enter total no. of hours worked
- Ask the Employee to enter his pay rate per hour
- Set Gross pay to total no. of hours worked multiplied by pay rate per hour.
- Display gross pay of the Employee.

TASK 03:

- Ask the user to input n_1 // n_1 must be
- Ask the user to input n_2 greater than n_2
- Ask the user which operation he want to perform out of [addition, subtraction, multiplication, division and remainder]
- If the user enters "Addition". THEN Set Addition to $n_1 + n_2$ i.e.. Add = $n_1 + n_2$
- Else If the user enters "Subtraction". Then Set Subtraction = $n_1 - n_2$ // n_1 must be greater
- Else If the user enters "Multiplication". Then Set Multiplication = $n_1 * n_2$
- Else If the user enters "Division". Then Set Division = n_1 / n_2
- Else If the user enters "Remainder". Then Set Remainder = $n_1 \% n_2$
- Else Display "The operation is not available".

TASK 04:

- Ask the customer to input no. of dishes ordered
- Read the price of each dish ordered
- Set total bill to sum of price of each dish ordered.
- Ask the customer for Tip.
- If he/she agrees, then
  - Set Total bill = total bill + $\left(\frac{\text{total bill}}{100}\right) * 15$
  - then, Display the New Cost.
- ELSE
  - Display "Total bill"

TASK 05:

- Ask the student to input total no. of marks
- Ask the student to input obtained marks
- Calculate Percentage = $[\text{obtained marks} / \text{total marks}] \times 100$
- If Percentage is greater than or equal to 90 and less than 100.
  - Display "Your Grade is A".
- ELSE IF Percentage is greater than or equal to 75 and less than 90. then,
  - Display "Your Grade is B".
- Else If Percentage is greater than or equal to 60 and

less than 75. then,

- Display "Your Grade is C"
- ELSE
  Display "Your Grade is D";