

► Subject :

Assiment 2 26/11/2021

[1] To print the 9 times table from 1×9 to 12×9 :-

1. For $x = 1$ to 10
2. $y = x * 9$
3. print y
4. End For

[2] To print a message of your choice 4 time :-

1. For $x = 1$ to 4
2. print "hello"
3. End For

[3] To print a table giving the price of petrol from 1 liter to 25 liter, given that the price of petrol is 69.5 p per liter :-

1. for liter = 1 to 25
2. cost = liter * 69.5
3. print liter
4. print cost
5. End For

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[4] To print the values of a number squared 2 to 20.

1. For $n = 2$ to 20

2. $Z = n^2$

3. print Z

4. End For

[5] To print a table showing the area of circle with radii from 10 cm to 20 cm

1. For $r = 10$ to 20

2. $area = 3.14 * (r^2)$

3. print area

4. End For

[6] To print the smallest number in a large set of number :-

1. Smallest = 0

2. while still number to check

3. Read num

4. if $num > smallest$

5. Then $smallest = num$

6. End while

7. Print smallest.

7) To print the average of a large set of numbers:-

1. $x = 0$
2. $avg = 0$
3. while add a number
4. Read num
5. $x = x + 1$
6. $sum = sum + num$
7. $avg = sum / x$
8. End while
9. print avg

8) To check a list of job application and reject all those who either smoke or drink

1. while there is a job application
2. If smoke or drink
3. Print "reject"
4. else print "Accept"
5. endif
6. endwhile

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19) To ask a ~~list of jobs~~ for a number less than 50, and then keep adding 1 to it until 50 is reached :-

1. num = 0

2. Repeat

3. num = num + 1

4. Until num \leq 50

10) To ask for the length of all the wall in a room, ask for height of the room calculate and then display the total area of the room.

1. wall = 0

2. while any wall to check

3. Read length

4. Read high

5. area = length * 2 * high

6. End while

III) A To calculate an employee's wages using these condition:
Ask for the employee's name and how many hours they worked.

1. Read name
2. Read hour
3. if hour > 40
4. then salary = 4
5. else salary = 4 * (hour / 12)
6. End IF
7. print name
8. print hour
9. print salary

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