

1) Write an algorithm to find the average of five numbers

Step 1: Start

Step 2: Declare variables a, b, c, d, e

Step 3:  $\text{sum} = a + b + c + d + e$

Step 4:  $\text{average} = \text{sum} / 5$

Step 5: Display sum and average

Step 6: STOP

2) Write an algorithm to find simple interest

Step 1: START

Step 2: Declare variables p, n, r and si

Step 3: Read the values of variable p (principal), n (Number of years), r (Rate of Interest)

Step 4: calculate the values of  $\text{si} = (p * n * r) / 100$

Step 5: Display si (simple interest)

Step 6: STOP

3) Write an algorithm to find swap of 2 numbers

Algorithm:

Step-1 Start

Step-2 Input Two Numbers Say NUM1, NUM2

Step-3 Display Before Swap Values NUM1, NUM2

Step-4  $\text{TEMP} = \text{NUM1}$

Step-5  $\text{NUM1} = \text{NUM2}$

Step-6 NUM2 = NUM1

Step-7 Display After Swap Values NUM1, NUM 2

Step-8 Stop Algorithm

4)Write an algorithm to find area of circle

Step 1: Start

Step 2: Get an integer input from user for AREA and RADIUS.

Step 3: Print the statement "Enter the Radius of Circle: "

Step 4: Calculate the area of the circle using the formula of  
(r - Radius)

Step 5: Print the statement "Area of Circle:"

Step 6: Print Area

Step 7: Stop

5) Write an algorithm to find the  
net salary of an employee

Step 1: Start

Step 2: Declare variables bs,hra,da,pf,net

Step 3: Read values

Step 4: Add bs,hra,da,pf and net

Step 5: Add the values

Step 6:Display sum

Step 7: Stop