1. **Algorithm to find the average of 5 numbers.**

STEP 1: START

STEP 2: DECLARE variables num1, num2, num3, num4, num5, avg = 0, sum=0

STEP 3: READ num1, num2, num3, num4, num5

STEP 4: calculate sum= num1 + num2 + num3 + num4 + num5

STEP 5: calculate avg = sum/5

STEP 6: DISPLAY avg

STEP 7: STOP

1. **Algorithm to find the simple interest.**

STEP 1: START

STEP 2: DECLARE variables amount, rate, time, SI

STEP 3: READ amount, rate, time

STEP 4: calculate SI = ((amount\*rate\*time)/100)

STEP 5: DISPLAY SI

STEP 6: STOP

1. **Algorithm to swap two values**

STEP 1: START

STEP 2: DECLARE variables num1, num2, temp = 0

STEP 3: READ num1 and num2

STEP 4: ASSIGN temp=num1, num1=num2, num2=num1

STEP 5: DISPLAY num1, num2

STEP 6: STOP

1. **Algorithm to find area of a circle**

STEP 1: START

STEP 2: DECLARE variables radius, area

STEP 3: READ radius

STEP 4: calculate area=3.14\*radius\*radius

STEP 5: DISPLAY area

STEP 6: STOP

1. **Algorithm to find NET SALARY of an employee**

STEP 1: START

STEP 2: DECLARE variables BS, HRA, DA, PF, NET

STEP 3: READ BS

STEP 4: HRA= BS\*20/100

DA=BS\*20/100

PF= BS\*10/100

STEP 5: calculate NET=BS+HRA+DA-PF

STEP 6: STOP