1

Create two variables A and R.

Take input as radius [R]

To find area by using the formula = pi multiply by square of radius

Out A as an answer

Assuming the value of R let 2

After multiplication the area is 12.56

2

Create three variables like length and breadth and area

Take input as W and B

We get area by using the formula Length \* breadth

Let us assume the value of length be 2 and breadth will be 3

Output of area is 6.

3

Create two numbers Let A and B

Solution in the form of ascending order

Let assume two numbers 6 and 4

Use operation If [ A > B] holds then out result A,B

Else Out B,A

4

Create three spaces in ram. Let A,B, C,D

A= 5000

B=1000

C=500

Out D as a sum of three numbers.

Use operation of plus then out the result

D = A +B+C

A+B+C will be equal to 6500

So D = 6500

5

Create two variables velocity and acceleration

Input vi and a

Assume the different vales of time such as 2 and 3

Out the value of final velocity ( vf )

Using the formula vf = vi + at

By Appling the value 2 we get vf= vi +2a

Appling the value of 3 get final velocity will be equal to vi=3a.

6

Create three variables A,B,C

Take the value of radius as input

To find circumference of a circle using formula 2\* pi \*R

Input the value of r let us assume 2

Then the value of circumference of a circle is 12.56.

7

Create A (area of wales and area of roof)

Input the area of one wall be 6

To calculate the area of all wales and a roof multiply the one side with five

Solution of all wales and roof is 30

8

Create two numbers A , B

Input A is 4 and b is 5 to arrange in descending order

If (A<B) then out as A,B

Else out B,A

9

Create two variables F and C

Use input F

Find the temperature in Celsius using (5\*F-160) divided by 9

Take F= 10 the temperature in Celsius is -12.22

10

Create two variables F and C

Input is C

Convert the temperature from F to C using logic (9\*C+160) divided by 5

Take temperature in Fahrenheit is 10 then in C it is 50

Second activity Part A

**Second Activity**

1

Cr W, B, A

In W, B

A = W\*B

Out A

**2**

Cr vi, a,t

In vi, a,t

Vf = vi +at

Out vf

**3**

Cr L,

In L

A = L\*L

B = A \* 5

Out B.

**Part b**

1 .N= 100 b= 50

2 .there are 50 boys and 50 girls in a class

3 12 boys and 18 girls

4 output 12boys and 18 girls get B grades.