Question 1 . Write an algorithm to find whether the number is even or odd.

Algorithm:

Step 1: Start the program

Step 2: Get the value of a

Step 3: Calculate the value of a%2

Step 4: if a%2==0 then go to step 5 else go to step 6

Step 5: Display the number is even

Step 6: Display the number is odd

Step 7: Stop the program

Pseudo Code:

BEGIN

GET a

COMPUTE a%2

IF a%2==0

PRINT “NUMBER IS EVEN”

ELSE

PRINT “NUMBER IS ODD”

END