Pseudo code :

It is a language that is used to implement an algorithm for programmer .

How to write pseudo code :

- Arrange sequence of task
- Start with a statement of pseudocode

Control statements:

- Simple if – single value we can use
- If-else – compare two variables
- Else if – comparing more than two variables
- Switch -
- Nested if -
- Switch -

Looping : in order to avoid repeating values we use looping .

- while loop(entry loop)
- do while loop(exit loop)
- for loop
- nested for loop

pseudo code to check whether given number is even or odd

- Algorithm :
  S1 : start
  S2 : Read the number
  S3 : If number%2==0
  S4 : Print even
  S5 : Else
  S6 : Print odd
  S7 : stop
- Flowchart as followed by algorithm
  Print ”enter the number to check “even” or “odd”
  Read the number
  If number mod=0
  Print ”even”
  Else
  Print “odd”
  End

Pseudo code for purchasing mobile phone from amazon application(vivo and iPhone)

- Algorithm :
  S1 : start
  S2 : search for desired mobile
  S3 : choose mobile
  S4 : if mobile==”iPhone”
  S5 : “ordered”
  S6 : else

S7 : print ”go to another application”
S8 : end

Pseudo code for FB login page

- Algorithm
  S1 : start
  S2 : enter username
  S3 : enter password
  S4 : click login
  S5 : if PW=true
  S6 : print “logged in”
  S7 : else PW=false
  S8 : print “logged out”
  S9 : stop
- Pseudocode
  S1 : START
  S2 : ENTER THE URL THAT IS WWW.FACEBOOK.COM
  S3 : READ THE USERNAME AND PASSWORD
  S4 : IF USERNAME AND PASSWORD IS CORRECT
  PRINT "WELCOME TO THE LOGIN PAGE"
  ELSE
  PRINT "INVALID USERNAME AND PASSWORD"
  S5 : END

Pseudo code for whether number is positive or negative:

- S1: start
  S2: enter the number
  S3 : read the number
  S4: if number is greater than 0
  print "positive number"
  else
  print "negative number"
  S5: end
- Procedure :
  If N>0
  Print “POSITIVE”
  Else
  N==0
  Print “negative” nor ”positive”
  Else
  Print ”NEGATIVE”
  End

Pseudo code for check whether two number is greater

- Procedure :
  assign two numbers
  a=x;
  b=y;
  check whether the number is greater

print ”A is greater”
else
Print “B is greater”
End

Pseudo code for check whether two number is lesser

- Procedure :

assign two numbers
a=x;
b=y;
check whether the number is greater
print ”A is lesser”
else
Print “B is lesser”
End

Pseudo code for check whether two number is even or odd

- Procedure ;

take Number
remainder=Number%2
if remainder==0;
print even
else
print odd

- Algorithm for sum of N numbers:

S1 : initialize some n number
S2 : input the positive value
S3 : where sum is equal to some i
S4 : where n number is equal to i +1
S5 : looping the number that are less than the i number
S6 : stop

- Procedure (Pseudo code)

int i, sum = 0, num
input positive number
i = 0
do
sum = sum + i
i = i + 1
iterate the value of i < = num
display the sum of the first natural number.

For input 12345 and output 5

S1.start

S2.read N=12345 and initialize count=0

S3.while(N!=0) if N=0 go to step 7

S4.N=N/10

S5.count++

S6.print count

S7.end