ASSIGNMENT 4

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Write Pseudo Code:

1.To check whether a given number is even or odd.

Input number

If(number % 2 ==0) then

Display “even”

Else

Display ”odd”

End if

2.To print the multiples of 3 between 1 to 20.

For(i=1;i<=20;i=i+1)

Display (i%3==0)

End for

3. To ﬁnd factorial of a given number.

Input number

Factorial=1

For(i=number;i>0;i--)

Factorial = factorial\*i

End for

Display”factorial of the number is ”, factorial

4.To calculate ‘x’ to the power of ‘n’ using a while loop.

•Assume both ‘x’ and ‘n’ are positive whole number

Input x

Input n

While(n>0) do

x=x\*x

n=n-1

End while

Display”answer is ”, x