**Assignment 4**

Write Pseudo Code:

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

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

3. to ﬁnd factorial of a given number.

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

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Assume both ‘x’ and ‘n’ are positive whole numbers.

**Ans1.**

Input number a;

If(a%2 == 0)

Number is even.

Else

Number is odd.

**Ans2.**

Num = 3;

Counter = 1

While(multiple < 21)

{

Multiple = num \* counter

Print multiple;

}

**Ans3.**

Input number a;

Ans = 1;

while(a > 0)

{

Ans = ans \* a;

a = a-1;

}

Print a;

**Ans4.**

Input number x;

Input number for power n;

ans = 1;

While(n>0)

{

ans = ans\*x;

n = n-1;

}

Print ans;