**Assignment no-1**

**Q-1**.

* Read/input the number.
* if n%2==0 then the number is even.
* else number is odd.

**Q-2**

* Read a number n
* Initialize variables i = 1, fact = 1
* In for loop
* i <= n ,i++
* Calculate ,fact = fact \* i
* Print fact

**Q-5**

* input number .
* check number is greater than equal to 0 or not.
* If true then positive otherwise negative.

**Q-7**

* If given year is divisible by 4.
* year is leap year.
* Else not leap year.

**Q-8**

* Extract the last digit of the number N by N%10, and store that digit .
* Print the value of reminder.(Last Digit)
* Update the value of N by N/10 and repeat the above step till N is not equals to 0.

**Q-9**

* We run the for loop form i=0 to n/2 incrementing i by 1.
* Then using the if statement checking if the number n is divisible by i or not for that we use modulo operator it gives the remainder
* if a number n is divided by modulo of that number i .
* If the modulo is 0 then print i.

**Q-10**

* Take input from user.
* create variable int sum.
* sum=sum+(no%10)
* num=num/10
* print sum.

**Q-11**

* Take three numbers in a, b, c.
* Check if a is less than b and a is less than c.
* If above condition is true, a is smallest Else
* Check if b is less than a and c.
* If above condition is true, b is the smallest, else c is the smallest.
* Stop.

**Q-15**

* positive integer variables A and B.
* Store the common multiple of A & B into the max variable.
* Validate whether the max is divisible by both variables A and B.
* If max is divisible, display max as the LCM of two numbers.

**Q 19**

* Iterate for loop fom i<1;<=no;i++
* if i is divisible by 2 then print i
* else continue

**Q-20**

* Iterate for loop fom i<1;<=no;i++
* if (i%2==0)
* print i
* else {continue}