

Logic Building Assignment : 33

1. Write a java program which accept number from user and return the count of even digits.

Input : 2395

Output : 1

Input : 1018

Output : 2

Input : -1018

Output : 2

Input : 8462

Output : 4

```
class Digit
{
    public int CountEven(int iNo)
    {
        // Logic
    }
}
```

2. Write a program which accept number from user and return the count of odd digits.

Input : 2395

Output : 3

Input : 1018

Output : 2

Input : -1018

Output : 2

Input : 8462

Output : 0

```
class Digit
{
    public int CountOdd(int iNo)
    {
        // Logic
    }
}
```

}

3. Write a program which accept number from user and return the count of digits in between 3 and 7.

Input : 2395

Output : 1

Input : 1018

Output : 0

Input : 4521

Output : 2

Input : 9922

Output : 0

```
class Digit
{
    public int CountRange(int iNo)
    {
        // Logic
    }
}
```

4. Write a program which accept number from user and return multiplication of all digits.

Input : 2395

Output : 270

Input : 1018

Output : 8

Input : 9440

Output : 144

Input : 922432

Output : 864

```
class Digit
{
    public int Multiply(int iNo)
    {
        // Logic
    }
}
```

5. Write a program which accept number from user and return difference between summation of even digits and summation of odd digits.

Input : 2395
Output : -15 (2 - 17)

Input : 1018
Output : 6 (8 - 2)

Input : 8440
Output : 16 (16 - 0)

Input : 5733
Output : -18 (0 - 18)

```
class Digit
{
    public int CountDiff(int iNo)
    {
        // Logic
    }
}
```

