Logic Building Assignment : 4

Complete below code snippets it contains only service provider function.

Write entry point function to call below helper functions separately.

Create separate visual Studio project for each problem statement separately.

Each project should contains below things
- **File which contains entry point function**
- **File which contains helper function**
- **File which works as header file**

1. Write a program which accept one number from user and return multiplication of its digits. (If number contains 0 then ignore that 0)

Input : 712
Output : 14

Input : 7024
Output : 56

```
UINT MultDigit (LONG iNo)
{
    // Logic
}
```

2. Write a program which accept one number from user and return addition of its even digits.

Input : 7429
Output : 6

Input : 90281
Output : 10

```
UINT EvenDigit (LONG iNo)
{
    // Logic
}
```

3. Write a program which accept one number from user and return the occurrence of digit 5.

Input : 712
Output : 0

Input : 7525
Output : 2

```
UINT DigitX (LONG iNo)
{
	// Logic
}
```

4. Accept one numbers from user and display the output as.

Input : 543
Output : Three Four Five

Input : 7309
Output : Nine Zero Three Seven

```
void DisplayNo (LONG iNo)
{
	// Logic
}
```

5. Accept one numbers from user and return its reverse number.

Input : 543
Output : 345

Input : 78
Output : 87

Input : 7890
Output : 987

```
LONG Reverse (LONG iNo)
{
	// Logic
}
```

6. Accept one numbers from user and count occurrence of 0.

Input : 543
Output : 0

Input : 7309
Output : 1

Input : 73008
Output : 2

```
UINT DigitX (LONG iNo)
{
      // Logic
}
```

7. Accept one numbers from user and count digits which are greater than 5.

Input : 5437
Output : 2

Input : 730951
Output : 3

Input : 23003
Output : 0

```
UINT DigitCountX (LONG iNo)
{
      // Logic
}
```

8. Accept three numbers from user and count occurrence of 0.

Input : 543
Output : 0

Input : 7309
Output : 1

Input : 73008
Output : 2

```
UINT DigitX (LONG iNo)
{
      // Logic
}
```

9. Write a program which accept one number from user and return addition of its odd digits.

Input : 7429
Output : 16

Input : 90281
Output : 10

```
UINT OddDigit (LONG iNo)
{
      // Logic
}
```

10. Write a program which accept one number from user and return difference between addition of its even digits and addition of odd digits.

Input : 7429
Output : -10 (6-16)

Input : 90281
Output : 0 (10-10)

```
int DiffDigit (LONG iNo)
{
      // Logic
}
```