

Logic Building Assignment : 33

Complete below code snippets it contains only service provider function.

Write entry point function to call below helper functions separately.

1. Write a program which accept one number from user and off 7th bit of that number if it is on. Return modified number.

Input : 79

Output : 15

```
UINT OffBit(UINT iNo)
{
    // Logic
}
```

2. Write a program which accept one number from user and off 7th and 10th bit of that number. Return modified number.

Input : 577

Output : 1

```
UINT OffBit(UINT iNo)
{
    // Logic
}
```

3. Write a program which accept one number from user and toggle 7th bit of that number. Return modified number.

Input : 137

Output : 201

```
UINT ToggleBit(UINT iNo)
{
    // Logic
}
```

4. Write a program which accept one number from user and toggle 7th and 10th bit of that number. Return modified number.

Input : 137

Output : 713

```
UINT ToggleBit(UINT iNo)
{
    // Logic
}
```

5. Write a program which accept one number from user and on its first 4 bits. Return modified number.

Input : 73
Output : 79

```
UINT OnBit(UINT iNo)
{
    // Logic
}
```

