Logic Building Assignment : 37

Create separate visual Studio project for each problem statement separately.

1.Write a program which checks whether 15th bit is On or OFF.

Solution :

```
typedef int BOOL
typedef unsigned int UINT

#define TRUE 1
#define FALSE 0

BOOL ChkBit(UINT iNo)
{
   // Logic
}
```

2. Write a program which checks whether 5th & 18th bit is On or OFF.

Solution :

```
typedef int BOOL
typedef unsigned int UINT

#define TRUE 1
#define FALSE 0

BOOL ChkBit(UINT iNo)
{
   // Logic
}
```

3. Write a program which checks whether 7th & 15th & 21st , 28th bit is On or OFF.

Solution :

```
typedef int BOOL
typedef unsigned int UINT

#define TRUE 1
#define FALSE 0

BOOL ChkBit(UINT iNo)
{
   // Logic
}
```

4. Write a program which checks whether 7th & 8th & 9th bit is On or OFF.

Solution :

```
typedef int BOOL
typedef unsigned int UINT

#define TRUE 1
#define FALSE 0

BOOL ChkBit(UINT iNo)
{
   // Logic
}
```

5. Write a program which checks whether first and last bit is On or OFF. First bit means bit number 1 and last bit means bit number 32.

Solution :

```
typedef int BOOL
typedef unsigned int UINT

#define TRUE 1
#define FALSE 0

BOOL ChkBit(UINT iNo)
{
   // Logic
}
```