

## Logic Building Assignment: 27

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

```
#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
}
```