

# ASSIGNMENT 21

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Q1. Write a program to display various bitwise operations.

Code:

```
//Program displaying various bitwise operations
#include <stdio.h>

int main()
{
    unsigned int a=60;
    unsigned int b=13;
    int c=0;

    c=a&b;
    printf("\nLine 1 - Value of C is: %d", c);

    c=a|b;
    printf("\nLine 2 - Value of C is: %d", c);

    c=a^b;
    printf("\nLine 3 - Value of C is: %d", c);

    c=~a;
    printf("\nLine 4 - Value of C is: %d", c);

    c=a<<2;
    printf("\nLine 5 - Value of C is: %d", c);

    c=a>>2;
    printf("\nLine 6 - Value of C is: %d", c);
}
```

Output:

```
Line 1 - Value of C is: 12
Line 2 - Value of C is: 61
Line 3 - Value of C is: 49
Line 4 - Value of C is: -61
Line 5 - Value of C is: 240
Line 6 - Value of C is: 15
```

Q2. Write a program to display the working of enum.

Code:

```
//this program displays the working of enum
#include <stdio.h>

enum week{Sunday,Monday,Tuesday,Wednesday,Thrusday,Friday,Saturday};

int main()
{
    enum week today;
    today=Wednesday;
    printf("%dth day", today+1);
    return 0;
}
```

Output:

4th day

Q. Write a program to display .

Code: