

## Assignment - 2 (Operator)

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(1) W.A.P to Print Unit digit of a given No.

```
X = n % 10;
```

```
Printf("%d", X);
```

(2) W.A.P to Print a given no without its last digit

```
X = n / 10;
```

```
Printf("%d", X);
```

(3) W.A.P Swap Value of two int Variable.

```
a = 10; b = 20;
```

```
c = a; 10
```

```
a = b; 20
```

```
b = c; 10
```

```
Printf("%d %d", a, b);
```

(4) W.A.P Swap Value of two int Variable without third Variable

```
a = 10; b = 20;
```

```
a = a + b; 30
```

```
b = a - b; 10
```

```
a = a - b; 20
```

$$(\text{Number}) \text{ operator } (\text{mask}) = \text{Result}$$

MSB: Most Significant Bit  
LSB: - Least Significant Bit

Concept :- 6 — (1) (10)

MSB

LSB

(\*) Write a Program to Find the Position of First 1 in  
14  
LBS.

printf("Ncell is %d", c);

Paint (100% d, 100% c),

Scarf (n.c., 8c);

(g) WAP take input character and output ASCII code.

Prints ("sum is %d", sum);

$$9.01 / 4 = 4$$

6.01 % 4

$$K + Wmg = Wmg$$
$$Q = W_m S$$

For  $! = 1; ! < n; !++$

(5) swap to input a three digit number and display the sum of the digit.



Step: 2 value  
6 — 110

Step: 3 Day Run  
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```

int: main() {
    int n, result = 0, count = 0;
    printf("Enter the number");
    scanf("%d", &n);
    while (n != 0) {
        result = n % 10;
        count++;
        if (result == 1) {
            printf("%d ", count);
            break;
        }
        n = n >> 1;
    }
}
    
```



(9) Write a Program to Print Size of an int, a Float, a char and double Variable.

```

printf("%d\n %d\n %d\n %d\n",
    sizeof(int), sizeof(float), sizeof(char), sizeof(double));

```

```

int n;
scanf("%d", &n);
if (n % 2 == 0)
    printf("%d is even", n);
else
    printf("%d is odd", n);

```

Step 1 ✓ Step 2 ✓ Step 3 Day Run