Assignment:operator

1)Bitwise operator:

Bitwise operator is a operation can performed on bit level using bitwise operators.Bitwise operations are contrasted by byte-level operations which characterized the Bitwise operators

And OR and NOT operators

Example:

```
#include<stdio.h>

{

Int main

        Int arr[]=(12,12,14,90,);

Printf("The odd occurring element is %d"

Findodd(arr,n))

Return 0;

}
```

Output:

```
        The odd occurring  element is 90
```

Ternary operator :

Ternary operator is for decision making in place of no longer if ND else conditional statements

Syntax:

```
        (Expression-1)?expression-2:expression-3
```

Example:

```
        #include(io stream.h>

        Int main()

{

Int a=10;

Int b=20;

Int max=a>b?a:b;

Cout<<"Maximum return value="<<max<<"\n";

Return 0;

}
```

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Cluclator program

```
#include <stdio.h>
int main() {
    char operator;
    double first, second;
    printf("Enter an operator (+, -, *,): ");
    scanf("%c", &operator);
    printf("Enter two operands: ");
    scanf("%lf %lf", &first, &second);

    switch (operator) {
    case '+':
        printf("%.1lf + %.1lf = %.1lf", first, second, first + second);
        break;
    case '-':
        printf("%.1lf - %.1lf = %.1lf", first, second, first - second);
        break;
    case '*':
        printf("%.1lf * %.1lf = %.1lf", first, second, first * second);
        break;
    case '/':
        printf("%.1lf / %.1lf = %.1lf", first, second, first / second);
        break;
        // operator doesn't match any case constant
    default:
        printf("Error! operator is not correct");
    }

    return 0;
}
```

Output

```
Enter an operator (+, -, *,): *
Enter two operands: 1.5
4.5
1.5 * 4.5 = 6.8
```