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88 lines (55 loc) · 1.17 KB

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# Basic Simple C Programs

## 1. WAP(Write a program) to print "Hello World".

Expected Output

Hello World

Source Code

```
#include <stdio.h>

int main(){
    printf("Hello World");
    return 0;
}
```

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## 2. WAP. to input a number and print them.

Test Data

Enter a number: 5

Expected Output

Number is 5

Source Code

```
#include <stdio.h>

int main(){
    int num;

    printf("Enter a number");
    scanf("%d", &num);

    printf("Number is %d", num);

    return 0;
}
```



### 3. WAP. to accept two numbers and print their addition, subtraction, multiplication, division.

#### Test Data

Enter 2 number: 5 10



#### Expected Output

Addition = 15  
Subtraction = -5  
Multiplication = 50  
Division = 0



#### Source Code

```
#include <stdio.h>

int main(){

    int add, mul, sub, div, num1, num2;

    printf("\nEnter 2 number:");
    scanf("%d %d", &num1, &num2);

    add = num1 + num2;
    sub = num1 - num2;
    mul = num1 * num2;
    div = num1 / num2;

    printf("Addition = %d \nSubtraction = %d \nMultiplication = %d \nDivision = %d"
        , add, sub, mul, div);

    return 0;
}
```

