C-Programming / C / **C Programs.md** ⎘

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88 lines (55 loc) · 1.18 KB

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Basic Simple C Programs

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

▍Expected Output

```
Hello World
```

▍Source Code

```c
#include <stdio.h>

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

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

▍Test Data

```
Enter a number: 5
```

▍Expected Output

```
Number is 5
```

▍Source Code

```c
#include <stdio.h>

int main(){
    int num;
```

```c
    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

```c
#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;
}
```