

```
#include <stdio.h>
```

```
int main() {
```

```
    char op;
```

```
    double num1, num2, result;
```

```
    printf("Enter first number: ");
```

```
    scanf("%lf", &num1);
```

```
    printf("Enter second number: ");
```

```
    scanf("%lf", &num2);
```

```
    printf("\nSelect Operation (+, -, *, /): ");
```

```
    scanf(" %c", &op);
```

```
    switch(op) {
```

```
        case '+':
```

```
            result = num1 + num2;
```

```
            printf("Result = %.2lf", result);
```

```
            break;
```

```
        case '-':
```

```
            result = num1 - num2;
```

```
            printf("Result = %.2lf", result);
```

```
            break;
```

```
        case '*':
```

```
            result = num1 * num2;
```

```
            printf("Result = %.2lf", result);
```

```
            break;
```

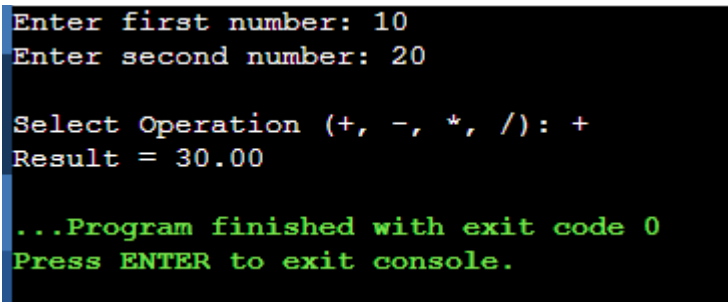
```
        case '/':
```

```
            if(num2 != 0)
```

```
                result = num1 / num2;
```

```
            else {
```

```
        printf("Division by zero error!");  
        return 0;  
    }  
    printf("Result = %.2lf", result);  
    break;  
default:  
    printf("Invalid Operator!");  
}  
return 0;  
}
```



A screenshot of a terminal window with a black background and white text. The text shows the execution of a program where the user enters '10' for the first number and '20' for the second number. The user selects the addition operation ('+'), and the program outputs 'Result = 30.00'. At the bottom, a green message states '...Program finished with exit code 0' and 'Press ENTER to exit console.'

```
Enter first number: 10  
Enter second number: 20  
  
Select Operation (+, -, *, /): +  
Result = 30.00  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```