Step 1

```
a = 20
b = 30
c = a + b

c = 50
```

Step 2

```
int a = 20;
int b = 30;

int c = a + b;
```

//Step 3

```c
#include<stdio.h>

int main() {

    int a = 20;
    int b = 30;
    int c = a+b;

    printf("sum: %d",c);

    return 0;
}
```

```c
//Step 4
#include<stdio.h>

int main() {

    int firstNum = 20;
    char operator = '+';
    int secondNum = 30;
    int result = firstNum + secondNum;

    printf("sum: %d",result);

    return 0;
}
```

```c
//Step 5

#include<stdio.h>

int main() {

    int firstNum;
    printf("enter the first number: ");
    scanf("%d", &firstNum);

    char operator;
    printf("enter the operator: ");
    scanf("%c", &operator);


    int secondNum;
    printf("enter the second number: ");
    scanf("%d", &secondNum);

    int result = firstNum + secondNum;

    printf("sum: %d", result);

    return 0;
}
```

```c
//Step 6
#include<stdio.h>

int main() {

    int firstNum, secondNum, result;
    char operator;

    printf("enter the first number: ");
    scanf("%d", &firstNum);

    printf("enter the operator: ");
    scanf("%c", &operator);

    printf("enter the second number: ");
    scanf("%d", &secondNum);

    result = firstNum + secondNum;

    printf("sum of %d and %d is: %d", firstNum, secondNum, result);

    return 0;
}
```