COLLEGE KI FILE

## 1. WAP TO ADD TO INTEGERS

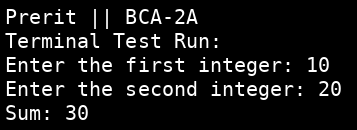
### Algorithm

1) Step 1: Start.  
2) Step 2: Declare two integer variables, num1 and num2.  
3) Step 3: Prompt the user to enter the first integer and store it in num1.  
4) Step 4: Prompt the user to enter the second integer and store it in num2.  
5) Step 5: Calculate the sum of num1 and num2 and store it in a variable named sum.  
6) Step 6: Display the value of sum to the user.  
7) Step 7: End.

### Code:

#include <stdio.h>  
  
int main() {  
 printf("Prerit || BCA-2A");  
 int num1, num2, sum;  
 printf("Enter the first integer: ");  
 scanf("%d", &num1);  
 printf("Enter the second integer: ");  
 scanf("%d", &num2);  
 sum = num1 + num2;  
 printf("Sum: %d\n", sum);  
 return 0;  
}

### Output:



## 2. WAP TO SUBSTRACT TWO INTEGERS

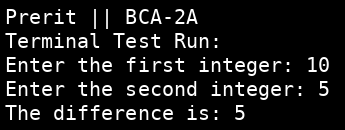
### Algorithm

1) Step 1: Start  
2) Step 2: Declare two integer variables, num1 and num2.  
3) Step 3: Prompt the user to enter the first integer and store it in num1.  
4) Step 4: Prompt the user to enter the second integer and store it in num2.  
5) Step 5: Calculate the difference between num1 and num2 and store it in a variable called difference (difference = num1 - num2).  
6) Step 6: Print the value of difference as the result of the subtraction.  
7) Step 7: Stop

### Code:

#include <stdio.h>  
  
int main() {  
 printf("Prerit || BCA-2A");  
 int num1, num2, difference;  
  
 printf("Enter the first integer: ");  
 scanf("%d", &num1);  
  
 printf("Enter the second integer: ");  
 scanf("%d", &num2);  
  
 difference = num1 - num2;  
  
 printf("The difference is: %d\n", difference);  
  
 return 0;  
}

### Output:



## 3. WAP TO MUTLIPLY TWO INTEGERS

### Algorithm

1) Step 1: Start  
2) Step 2: Read the first integer, num1.  
3) Step 3: Read the second integer, num2.  
4) Step 4: Calculate the product of num1 and num2, storing it in a variable called product.  
5) Step 5: Print the value of product.  
6) Step 6: Stop

### Code:

#include <stdio.h>  
  
int main() {  
 printf("Prerit || BCA-2A");  
 int num1, num2, product;  
 printf("Enter the first integer: ");  
 scanf("%d", &num1);  
 printf("Enter the second integer: ");  
 scanf("%d", &num2);  
 product = num1 \* num2;  
 printf("Product: %d\n", product);  
 return 0;  
}

### Output:

