



$SUM = A + B$

**PROGRAM FOR ADDITION OF TWO
NUMBERS**

`#include<stdio.h>` → It includes stdio header file

`#include<conio.h>` → It includes conio header file

`void main()` → Program execution starts from main

`{` → Here body of main starts

Declaration of variables

```
int a , b , sum ;
```

a



b



sum



integer type value can only store in a , b , sum

Now you need some value in a and b whose addition you can put in variable sum.

-Therefore scan the values of a and b.

```
scanf("%d %d",&a,&b)
```

After this statement the compiler will ask me the value of a and b

Suppose I insert 10 for a And 20 for b

a
10

b
20

`sum = a + b;`

a

10

b

20

sum

30

```
printf("%d",sum);
```

//Output 30

```
Finally end of main body
```

```
}
```



```
#include<stdio.h>
#include<conio.h>
void main()
{
int a , b ,sum ;
scanf("%d%d",&a,&b);
sum= a +b;
printf("%d",sum);
getch();
}
```

Program to calculate area of circle and perimeter

```
#include<stdio.h>
#include<conio.h>
void main()
{
int r,area,perimeter;
scanf("%d",&r);
area=3.14*r*r;
perimeter=2*3.14*r ;
printf("%d",area);
printf("%d",perimeter);
getch();
}
```

Program to calculate percentage of marks of a student in five subject

```
#include<stdio.h>
#include<conio.h>
void main()
{
int sub1,sub2,sub3,sub4,sub5,total;
float percent;
scanf("%d %d %d %d %d",&sub1,&sub2,&sub3,&sub4,&sub5);
total=500;
percent=((sub1+sub2+sub3+sub4+sub5)/total)*100 ;
printf("%d",percent);
getch();
}
```