Basic of C Programming

SAMPLE C PROGRAMS - I

Basic Structure of C Programming

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

void main()
{

}
```

WAP to find the addition of two numbers

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

void main()
{
        int a,b,c;
        printf("Enter the numbers: ");
        scanf("%d %d",&a,&b);

        c = (a+b);
        printf("Sum is: %d",c);
}
```

WAP to find the subtraction of two numbers

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

void main()
{
        int a,b,c;
        printf("Enter the numbers: ");
        scanf("%d %d",&a,&b);

        c = (a - b);
        printf("Difference is: %d",c);
}
```

WAP to find the average of three numbers

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

void main()
{
        int a,b,c,d;
        printf("Enter the numbers: ");
        scanf("%d %d %d",&a,&b,&c);

        d = (a+b+c)/3;
        printf("Average is: %d", d);
}
```

WAP to find the perimeter and area of an rectangle

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

void main()
{
        int l,w,area,perimeter;
        printf("Enter the length and width: ");
        scanf("%d %d",&l,&w);

        area = (l*w);
        perimeter = 2*(l + w);
        printf("Average is: %d", d);
}
```