

## (Calculate Sum of element)

## Practical No. 2

Aim: Write a C++ program to initialize an array of 5 integers and calculate the sum of elements using a pointer

Code

```
#include <iostream.h>
#include <conio.h>
void main()
{
    clrscr(); //clears the screen
    int arr[5] = {10, 20, 30, 40, 50}; //initialize array
    int *ptr; //Declare pointer
    int sum = 0, i;
    ptr = arr; //Point to first element of array
    for (i = 0; i < 5; i++)
    {
        sum = sum + *(ptr + i); //Access array elements using pointer
    }
    cout << "Sum of array elements = " << sum;
    getch(); //Wait for key press
}
```

*A*