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#include <stdio.h>

#include <stdlib.h>

int main() {
    int n, i, *ptr, sum = 0;

    printf("Enter number of elements: ");
    scanf("%d", &n);

    ptr = (int*) malloc(n * sizeof(int));

    if(ptr == NULL) {
        printf("Error! memory not allocated.");
        exit(0);
    }

    printf("Enter elements: ");
    for(i = 0; i < n; ++i) {
        scanf("%d", ptr + i);
        sum += *(ptr + i);
    }

    printf("Sum = %d", sum);

    free(ptr);

    return 0;
}
```

Output:

Enter number of elements: 2

Enter elements: 3 4

Sum = 7

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Process exited after 8.8 seconds with return value 0

Press any key to continue . . . |