Arrays as Arguments to Functions in C

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```
int sum_p(int *a, int n) {
    int i, sum = 0;
    for (i = 0; i < n; ++i) sum += a[i];
    return sum;
}

int sum_pa(int (*a)[], int n) {
    int i, sum = 0;
    for (i = 0; i < n; ++i) sum += a[i];
    return sum;
}

int sum_pa(int (*a)[], int n) {
    int i, sum = 0;
    for (i = 0; i < n; ++i) sum += (*a)[i];
    return sum;
}

int main() {
    int x[] = {1,2,3,4,5,6};
    printf("Sum Pointer : %d\n", sum_p(x, 6));
    printf("Sum ArrayPtr: %d\n", sum_pa(&x, 6));
    return 0;
}
</pre>
```

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