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① #include <stdio.h>

int main() {
    int arr[100], n, i, max;
    printf("Enter number of elements : ");
    scanf("%d", &n);

    printf("Enter array elements : \n");
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    max = arr[0];
    for (i = 1; i < n; i++) {
        if (arr[i] > max) {
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max = arr[i]; }
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    }  
    printf("maximum value in the array = %d", max);  
    return 0;  
}
```

output :-

maximum value in the array = 67

② #include <stdio.h>

```
int main() {
```

```
    int arr[100], n, i, sum = 0;
```

```
    printf("Enter number of elements: ");
```

```
    scanf("%d", &n);
```

```
    printf("Enter array elements: \n");
```

```
    for (i = 0; i < n; i++) {
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```
        scanf("%d", &arr[i]);
```

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        sum = sum + arr[i]; }
```

```
    printf("sum of array elements = %d", sum);
```

```
    return 0;
```

```
}
```

Output:-

input :- 5

10 20 30 40 50

output:- sum of array elements = 150



```

(3) #include <stdio.h>

int main () {
    int arr [100], n, i, temp;

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

    printf("Enter array elements: \n");
    for (i=0; i<n; i++) {
        scanf("%d", &arr[i]);
    }
    for (i=0; i<n/2; i++) {
        temp = arr[i];
        arr[i] = arr[n-1-i];
        arr[n-1-i] = temp;
    }
    printf("Reversed array: \n");
    for (i=0; i<n; i++) {
        printf("%d", arr[i]);
    }
    return 0;
}

```

Output :-

input :-

5  
10 20 30 40 50

output :-

Reversed array :

50 40 30 20 10