

```
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);
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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++) {
```

```
scanf("%d", &arr[i]);
```

```
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