

Q. Write a program to get the largest number from array given by the user.

Method: 1

```
#include<stdio.h>

int main(){
    int num[10], largest = 0;
    printf("Enter 10 numbers using space or returns: ");
    for (int i = 0; i < 10; i++){
        scanf("%d", &num[i]);

        if (i > 0){
            if (num[i-1] > num[i]){
                largest = num[i-1];
            }
            else{
                largest = num[i];
            }
        }
    }

    printf("Largest is %d", largest);
    return 0;
}
```

Method: 2

// ideal way

```
#include<stdio.h>
```

```
int main(){  
    int num[10];  
    printf("Enter 10 numbers using space or returns: ");  
    for (int i = 0; i < 10; i++){  
        scanf("%d", &num[i]);  
    }  
  
    int largest = num[0];  
  
    for (int i = 1; i < 10; i++){  
        if (num[i] > largest){  
            largest = num[i];  
        }  
    }  
  
    printf("Largest is %d", largest);  
    return 0;  
}
```