

WAP to input 10 numbers in array and display them.

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Exp. No.:

Date: 4/12

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int i, num[10];
    clrscr();
    printf("Enter the 10 numbers:");
    for(i=0; i<10; i++)
    {
        scanf("%d", &num[i]);
    }
    printf("The 10 numbers are:");
    for(i=0; i<10; i++)
    {
        printf("%d\t", num[i]);
    }
    getch();
}
```

Output

Enter the 10 numbers : 1 2 3 4 5 6 7 8 9 10

The 10 numbers are : 1 2 3 4 5 6
7 8 9 10

WAP to accept 5 subject marks and also
calculate the total.

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Exp. No.:

Date: 4/12

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int i, sub[5], total = 0;
    clrscr();
    printf("Enter the five subject marks: \n");
    for (i = 0; i < 5; i++)
    {
        scanf("%d", &sub[i]);
        total = total + sub[i];
    }
    printf("The total is: %d", total);
    getch();
}
```

Output

Enter the five subject marks: 85 90 92 93 91

The total is : 451

WAP to calculate total and average salary
of 5 persons using array.

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Exp. No.:

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#include <stdio.h>

#include <conio.h>

void main()

{

int i, sal[5], total = 0, avg = 0;

clrscr();

printf("Enter the 5 persons salaries: \n");

for (i = 0; i < 5; i++)

{

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

total = total + sal[i];

avg = total / 5;

}

printf("\n The total salaries is: %d", total);

printf("\n The average salaries is: %d", avg);

getch();

}

Output

Enter the 5 persons salaries:

5000 10000 15000 20000 25000

The total salaries is : 9464

The average salaries is : 1892.

WAP to read the salaries of 5 employees and count the number of employees getting salaries between 5000 to 10000.

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Exp. No.: 100

Date: 4/13

```
#include <stdio.h>
#include <conio.h>
void main()
{
    int i, sal[5], count = 0;
    clrscr();
    printf("Enter the salary of 5 employees : \n");
    for(i = 0; i < 5; i++)
    {
        scanf("%d", &sal[i]);
    }
    for(i = 0; i < 5; i++)
    {
        if (sal[i] >= 5000 && sal[i] <= 10000)
        {
            count++;
        }
    }
    printf("The number of employees getting salaries between  
5000 to 10000: %d", count);
    getch();
}
```

Output

Enter the salary of 5 employees:

5000 10000 15000 20000 25000

The number of employees getting salaries between 5000
to 10000 : 2

WAP to input 10 numbers and find the greatest number using array. ~~where the number is initialization in array.~~

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Exp. No.:

Date: 4/13

#include <stdio.h>

#include <conio.h>

void main()

{

int i, largest;

int a[10] = {4, 9}

#include <stdio.h>

#include <conio.h>

void main()

{

int i, a[10], largest;

clrscr();

printf("Enter the 10 numbers:");

for (i = 0; i < 10; i++)

{

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

}

largest = a[0];

for (i = 0; i < 10; i++)

{

if (a[i] > largest)

{

largest = a[i];

}

}

printf("The largest number is %d", largest);

getch();

}

Output

Enter the 10 numbers 5 4 3 2 1 0 9 8 7 6

The largest number is 9.