

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

```
#include <conio.h>
```

```
void main()
```

```
{
```

```
    int a[100], max, min, maxpos, minpos, i, temp, n;  
    clrscr();
```

```
    printf("How many numbers to enter:\n");
```

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

```
    printf("\nEnter the numbers:\n");
```

```
    for (i=0; i<n; i++)
```

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

```
    max = a[0];
```

```
    min = a[0];
```

```
    maxpos = 0;
```

```
    minpos = 0;
```

```
    for (i=1; i<5; i++)
```

```
    {
```

```
        if (a[i] > max)
```

```
        {
```

```
            max = a[i];
```

```
            maxpos = i;
```

```
        }
```

```
        if (a[i] < min)
```

```
        {
```

```
            min = a[i];
```

```
            minpos = i;
```

```
        }
```

```
    }
```

```
    temp = a[maxpos];
```

```
    a[maxpos] = a[minpos];
```

```
    a[minpos] = temp;
```

```
    printf("After interchange array elements are:");
```

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

```
    {
```

```
    } printf("-d\t", a[i]);  
    getch();  
}
```

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

```
void main()
```

```
{
```

```
    float a[100], sum = 0, avg;
```

```
    int i, n;
```

```
    clrscr();
```

```
    printf("No. of elements to be entered: ");
```

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

```
    printf("Enter the terms:\n");
```

```
    for(i=0; i<n; i++)
```

```
{
```

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

```
}
```

```
    for(i=0; i<n; i++)
```

```
{
```

```
        sum = sum + a[i];
```

```
}
```

```
    avg = sum/n;
```

```
    printf("Average is %f", avg);
```

```
    getch();
```

```
}
```

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

```
void main()
```

```
{
```

```
    int NUM, i, j, SUM=0;
```

```
    clrscr();
```

```
    printf("ENTER INTEGER NUMBER:");
```

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

```
    for(i=1; i<NUM+1; i++)
```

```
{
```

```
        if (i%2 != 0)
```

```
{
```

```
            SUM = SUM + (i*i);
```

```
}
```

```
}
```

```
    printf("Sum of square of odd numbers till %d is: %d",  
           NUM, SUM);
```

```
    getch();
```

```
}
```