

```
1. #include <stdio.h>
#include <conio.h>
#include <math.h>
void main()
{
    int i, a, num, sum = 0;
    clrscr();
    printf("Enter the number\n");
    scanf("%d", &num);
    for(i = 1; i <= num; i++)
    {
        if(i % 2 != 0)
        {
            a = pow(i, 2);
            sum = sum + a;
        }
    }
    printf("The sum of squares of odd numbers is %d", sum);
    getch();
}
```

```

2. #include <stdio.h>
    #include <conio.h>
    void main ()
    {
        int i, num, arr[20], small, s_pos, large,
            l_pos, temp;
        clrscr();
        printf("Enter the number of elements\n");
        scanf("%d", &num);
        printf("Enter the elements\n");
        for(i=0; i<num; i++)
            scanf("%d", &arr[i]);
        small = arr[0];
        s_pos = 0;
        large = arr[0];
        l_pos = 0;
        for(i=0; i<num; i++)
        {
            if (arr[i] < small)
            {
                small = arr[i];
                s_pos = i;
            }
            if (arr[i] > large)
            {
                large = arr[i];
                l_pos = i;
            }
        }
    }

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temp = arr[s_pos];
arr[s_pos] = arr[l_pos];
arr[l_pos] = temp;
printf("The array after swapping is \n");
for (i = 0; i < num; i++)
    printf("%d ", arr[i]);
getch();
}

```

3. #include <stdio.h>
#include <conio.h>
void main()
{
int arr[50], i, num, sum = 0;
float av;
clrscr();
printf("Enter the number of elements \n");
scanf("%d", &num);
printf("Enter the elements \n");
~~scanf~~ for (i = 0; i < num; i++)
scanf("%d", &arr[i]);
for (i = 0; i < num; i++)
{
sum = sum + arr[i];
}
av = (float) sum / num;
printf("The sum and average of %d elements
is %d and %.f", num, sum, av);
}


```
getch();  
}  
}
```

```
: [ref-2] * ra = q[ref-2]  
: [ref-2] * ra = [ref-2]  
: printf = [ref-2] * ra
```

if (a[i] > 0) printf("The array is positive")

```
(++i = num > 1 : 0 = 1) %
```

```
: ([i] * ra = "bit") & true
```

```
: () bit
```

```
< d = 0; while > while
```

```
< d = 0; while > while
```

```
() return bit
```

```
: 0 = num, num = 1, [12] * ra = b  
: in top
```

```
: () * ra
```

if (a[i] > 0) printf("The array is positive")

```
: (a[i] * ra = "bit") & true
```

```
: if (a[i] > 0) printf("The array is positive")
```

```
(a[i] * ra = "bit") & true
```

```
: ([i] * ra = "bit") & true
```

```
(a[i] * ra = "bit") & true
```

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: ([i] * ra = "bit") & true
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: ([i] * ra = "bit") & true
```