

1) #include <stdio.h>

void main()

{

int NUM, i, j, Sum=0;

clrscr();

printf("%d", &NUM);

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

{

if (i%2 != 0)

{

Sum = Sum + (i\*i);

}

}

printf("\n The sum of square of odd number  
till %d is : %d", NUM, SUM);

getch();

}

2) #include <stdio.h>

#include <conio.h>

void main()

{

int a[100], max, min, maxpos, minpos, i, temp, n;

clrscr();

printf("How many numbers do you want  
to enter : \n");

scanf("%d", &n);

printf("\n Enter 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 < n; 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:");
for (i = 0; i < n; i++)
    printf("%d", a[i]);
getch();
}

```

3. #include <stdio.h>  
void main()  
{  
float a[100], sum = 0, avg;  
int i, n;  
clrscr();

```
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();  
}
```