★ PRACTICAL=36 ★

Aim:= Write a program for sorting using pointer..
Filename :=sorting.c

```c
#include <stdio.h>
int main(void)
{
int a[10]={21,10,60,7,81,92,45,33,44,1};
int *p,i=0,j=0;
p=&a[0];
for(i=0;i<9;i++)
{
for(j=i+1;j<10;j++)
{
if(*(p+i) > *(p+j))
{
*(p+i) = *(p+i) + *(p+j);
*(p+j) = *(p+i) - *(p+j);
*(p+i) = *(p+i) - *(p+j);
}
}
}
printf("\n Sorted Values : ");
for(i=0;i<10;i++)
{
printf("%d ",*(p+i));
}
return 0;
}
```

OUTPUT:

```
 Sorted Values : 1 7 10 21 33 44 45 60 81 92

...Program finished with exit code 0
Press ENTER to exit console.
```