

```
#include<stdio.h>
int main()
{
int a[5]={5,4,3,1,2};
int max=a[0],min=a[0],sum=0,avg,i;
for(i=1;i<5;i++)
{
if(a[i]>max)
{
max=a[i];
}}
printf("maximum is %5d\n",max);
for(i=1;i<5;i++)
{
if(a[i]<min)
{
min=a[i];
}}
printf("minimum is %5d\n",min);
for(i=0;i<5;i++)
{
sum=sum+a[i];
}
avg=sum/5;
printf("average is %5d",avg);
return(0);
}
```

ies Terminal



```
hg@DBCPLB-26CPLAB:~$ gcc sumoftwomatrices.c
gcc: error: sumoftwomatrices.c: No such file or directory
gcc: fatal error: no input files
compilation terminated.
hg@DBCPLB-26CPLAB:~$ cd deskTop.c
bash: cd: deskTop.c: No such file or directory
hg@DBCPLB-26CPLAB:~$ mkdir 22wh1a1294
hg@DBCPLB-26CPLAB:~$ cd 22wh1a1294
hg@DBCPLB-26CPLAB:~/22wh1a1294$ gedit sumoftwomatrices.c
hg@DBCPLB-26CPLAB:~/22wh1a1294$ gcc sumoftwomatrices.c
hg@DBCPLB-26CPLAB:~/22wh1a1294$ ./a.out
enter the elements of matrix A2 3 4 5
enter the elements of matrix B4 5 6 2
        6      8
       10      7
hg@DBCPLB-26CPLAB:~/22wh1a1294$ gedit max_min_avg_array.c
hg@DBCPLB-26CPLAB:~/22wh1a1294$ gcc max_min_avg_array.c
gcc: error: max_min_avg_array.c: No such file or directory
gcc: fatal error: no input files
compilation terminated.
hg@DBCPLB-26CPLAB:~/22wh1a1294$ gcc max_min_avg_array.c
hg@DBCPLB-26CPLAB:~/22wh1a1294$ ./a.out
maximum is      5
minimum is      1
average is      3hg@DBCPLB-26CPLAB:~/22wh1a1294$
```