

➤ Code :

```
#include<stdio.h>
#include<conio.h>
main(){
clrscr();
int a[3][3],i,j;

printf("Enter Value For Metrics: \n");

for(i=1;i<=3;i++){
for(j=1;j<=3;j++){
printf("Enter A Number:");
scanf("%d",&a[i][j]);
}
printf("\n");
}

printf("The Original Metrics Is: \n");

for(i=1;i<=3;i++){
for(j=1;j<=3;j++){
printf("%d \t",a[i][j]);
```

```
}  
printf("\n");  
}  
  
printf("\nThe Transpose Of Metrics Is:\n");  
for(i=1;i<=3;i++){  
    for(j=1;j<=3;j++){  
        printf("%d \t",a[j][i]);  
    }  
    printf("\n");  
}  
getch();  
}
```

➤ Output:

Enter Value For Metrics:

Enter A Number: 11

Enter A Number: 12

Enter A Number: 13

Enter A Number: 14

Enter A Number: 11

Enter A Number: 11

Enter A Number: 11

Enter A Number: 11

Enter A Number: 11

The Original Metrics Is:

11 12 13

14 15 16

17 18 19

The Transpose Of Metrics Is:

11 14 17

12 15 18

13 16 19