

### **SOURCE CODE:**

```
#include<stdio.h>

#include<graphics.h>

#include<stdlib.h>

#include<conio.h>

int main(void)
{
    int gdriver=DETECT, gmode, errorcode;

    int x1, y1, x2, y2, tx, ty;

    initgraph(&gdriver, &gmode, "C:\\\\TURBOC3\\\\BGI");

    printf("Enter the First co-ordinates of x1 and y1: ");

    scanf("%d %d",&x1,&y1);


    printf("Enter the second co-ordinates of x2 and y2: ");

    scanf("%d %d",&x2, &y2);


    line(x1, y1, x2, y2);

    printf("Enter the translation vactor of tx and ty: ");
```

```
scanf("%d %d", &tx, &ty);  
  
line(x1+tx, y1+ty, x2+tx, y2+ty);  
  
getch();  
  
closegraph();  
  
return 0;  
  
}
```

### **Output:**