```c
#include<stdio.h>

void main()

{

int x1, x2, y1, y2;

printf("enter the points") ;

scanf("%d%d%d%d",&x1,&x2,&y1,&y2) ;

int dis;

dis=(x2-x1) *(x2-x1) +(y2-y1) *(y2-y1);

printf("the distance between 2 points=%d",dis) ;

}
```