Distance between two points

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| #include <stdio.h> |
|  | #include <math.h> |
|  | int main() |
|  | { |
|  | float x1, x2, y1, y2, distance; |
|  | printf("Input x1: "); |
|  | scanf("%f", &x1); |
|  | printf("Input y1: "); |
|  | scanf("%f", &y1); |
|  | printf("Input x2: "); |
|  | scanf("%f", &x2); |
|  | printf("Input y2: "); |
|  | scanf("%f", &y2); |
|  | distance = ((x2-x1)\*(x2-x1))+((y2-y1)\*(y2-y1)); |
|  | printf("Distance between the said points: %.4f", sqrt(distance)); |
|  | printf("\n"); |
|  | return 0; |
|  | } |

