```
MAIN
BEGIN
CREATE x1, y1, x2, y2
PRINT "Entered X1: "
x1 ← READ
PRINT "Entered Y1: "
y1 ← READ
PRINT "Entered X2: "
x2 ← READ
PRINT "Entered Y2: "
y2 ← READ
CREATE distance
distance ← Square_Root [(X2 - X1)^2 + (Y2 - Y1)^2]
END
```