Test Cases:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| S.N no: | Input | | | | Expected Output | | | Remarks |
| X1 | Y1 | X2 | Y2 | Gradient  (y2-y1)/(x2-x1) | Distance  √(x2-x1)2 –(y2-y1)2 | Equation  y-y1=m(x-x1) or  y=mx +c |  |
|  | 1 | 2 | 3 | 4 |  |  |  |  |