|  |  |  |
| --- | --- | --- |
| testcase | Input | Output |
| 1 | 3  2  3  -1  2  3.5  0.001  6 | P(x) = - 0.500001 |
| 2 | 4  -136  -85  -9  5  1  -4  0.00001  15 | P(x) = - 4.123106 |
| 3 | 3  6  1  -4  1  1  0.00001  10 | P(x) = 2.000000 |
| 4 | 4  6  1  -4  8  2  2  0.001  12 | P(x) = -4.441412 |
| 5 | 6  3  -2  6  1  -4  8  2  2  0.001  12 | P(x) = -1.000000 |