TestCase

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| TestCase ID | 001 |
| TestCase Description | Testing work program when Equation is liner  A=0; B!=0;C!=0; has 1 result |
| Steps description | 1. Run program. There was a line “Enter a” 2. Input 0; press Enter. There was a line “Enter b” 3. Input 8; press Enter. There was a line “Enter c” 4. Input 4; press Enter. There was a line “Enter c” |
| Expected result | There was a line “1 result [-0.5]” |
| Status | Pass |

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| TestCase ID | 002 |
| TestCase Description | Testing work program when Discriminant is zero  A!=0; B!=0;C!=0; d=0; has 2 result and x1=x2 |
| Steps description | 1. Run program. There was a line “Enter a” 2. Input 1; press Enter. There was a line “Enter b” 3. Input 2; press Enter. There was a line “Enter c” 4. Input 1; press Enter. There was a line “Enter c” |
| Expected result | There was a line “2 result s[-1.0, -1.0]” |
| Status | Pass |

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| TestCase ID | 003 |
| TestCase Description | Testing work program when Discriminant is less than zero  A!=0; B!=0;C!=0; d<0;hasn’t results. |
| Steps description | 1. Run program. There was a line “Enter a” 2. Input 10; press Enter. There was a line “Enter b” 3. Input 2; press Enter. There was a line “Enter c” 4. Input 3; press Enter. There was a line “Enter c” |
| Expected result | There was a line “No results, because discriminant<0” |
| Status | Pass |

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| TestCase ID | 004 |
| TestCase Description | Testing work program when Discriminant is more than zero  A!=0; B!=0;C!=0; d>0; has 2 result and x1!=x2 |
| Steps description | 1. Run program. There was a line “Enter a” 2. Input 1; press Enter. There was a line “Enter b” 3. Input 1; press Enter. There was a line “Enter c” 4. Enter -12; press Enter. There was a line “Enter c” |
| Expected result | There was a line “2 result s[-4.0, 3.0]” |
| Status | pass |

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| TestCase ID | 005 |
| TestCase Description | Testing work program when  A=0; B=0;C=0; has infinite set results |
| Steps description | 1. Run program. There was a line “Enter a” 2. Input 0; press Enter. There was a line “Enter b” 3. Input 0; press Enter. There was a line “Enter c” 4. Input 0; press Enter. There was a line “Enter c” |
| Expected result | There was a line “Infinite set results” |
| Status | pass |