**1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 6 |  |  | 6 |  |  |
| Set up the program | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| G |  |  | G |  |  |
| Get the equation from the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| B |  |  | B |  |  |
| Analyze the question to get the first, second and third terms. | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 4 |  |  | 4 |  |  |
| Subtract the second term from the third term. | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| L |  |  | L |  |  |
| Divide the third term by the coefficient of x | | |  | | |
|  |  |  |  |  |  |

**2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| H |  |  | H |  |  |
| Repeat the original question to the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2 |  |  | 2 |  |  |
| Tell the answer to the equation | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X |  |  | X |  |  |
| Repeat the program | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| Finish the program | | |  | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| E |  |  | E |  |  |
| Set up the program | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| U |  |  | U |  |  |
| Greet the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Q |  |  | Q |  |  |
| Get the denominator | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| W |  |  | W |  |  |
| Get the first nominator from the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Y |  |  | Y |  |  |
| Get the second nominator from the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| I |  |  | I |  |  |
| Get the third nominator from the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| P |  |  | P |  |  |
| Add up the three nominators | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| O |  |  | O |  |  |
| Give the answer to the user | | |  | | |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| Finish the program | | |  | | |

**3**