MATH 1342: Extra Credit for Homework 7

Reminders:

- Extra Credit questions are difficult and involve more work than a standard homework question.
- You will receive up to 10% additional points (not to exceed full credit) on the related Homework Assignment only. Keep in mind for an assignment graded out of 10 to 20 points, this is only 1 or 2 additional points.
- Unlike assigned homework questions, extra credit questions should not be brought to your instructor or to tutoring services for assistance.
- Correct Answers with valid explanation of your process will receive credit only.
- These are due the Sunday following their related Homework assignment by 11:59 pm.
- Submit Answers to https://forms.gle/yw89xJe8PBrqvF5J7 (Late Answers will not be accepted.)

A set of bivariate data has been collected and the results of explanatory variable, response variable and residuals resulting from a linear regression are presented (partially) on the following, incomplete table:

Explantory	1	2	3	4	5	6	7	8	9	10
Response	A	B	C	D	E	36	38	41	41	43
Residuals	-2.3	1.6	0.2	-0.8	-1.1	F	G	H	I	J

Determine the equation of the least squares regression line, rounding any values to four decimal places.