HW – 01 Rubric

1. Naming the file and submission on github – 4 points
2. Initializing, imports etc - 6 points
3. Calculating total variance – 10 points
4. Calculating total uncertainty – 10 points
5. Defining model functions – (5 + 5 ) – 10 points (sin and poly)
6. Performing fits using SciPy – (5 + 5 ) – 10 points (sin and poly)
7. calculate chi-squared for both fits – (10 + 10) – 20 points
8. calculate reduced chi\_squared values for both fits – (10 + 10) – 20 points
9. plotting both the best fits – (5 + 5) – 10 points