# Statistics homework 1

We have the dollars won by a skilled bettor in 15 different games. We want to be able to describe in general how that bettor fared. **(1).** *Compute these statistics descriptors: mean, median, mode, variance (var), standard deviation (std), minimum and maximum values*. **(2).** *Create a histogram to represent the frequency of the data.* **(3).** *What interesting findings do you have for the results?*  
  
Note: if there is more than one mode, select the one with the lowest value.

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| **X\_0** | -10 | 2 | 2 | 8 | 2 | 2 | 8 | 2 | 2 | -4 | 8 | -4 | -4 | 2 | 2 |

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| **X\_1** | 5 | 5 | 5 | 5 | 1 | 5 | 9 | 5 | 5 | 13 | 5 | 5 | 5 | 1 | 1 |

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| **X\_2** | 11 | 5 | 5 | 5 | 8 | 5 | 11 | 8 | 11 | 11 | 8 | 11 | 14 | 2 | 8 |

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| **X\_3** | 6 | 11 | 11 | 11 | 11 | 11 | 1 | 11 | 21 | 11 | 11 | 11 | 16 | 6 | 11 |

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| **X\_4** | 17 | 17 | 17 | 17 | 11 | 17 | 14 | 14 | 17 | 11 | 14 | 8 | 14 | 14 | 17 |

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| **X\_5** | 17 | 20 | 20 | 17 | 20 | 14 | 11 | 20 | 20 | 17 | 14 | 20 | 20 | 20 | 17 |

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| **X\_6** | 26 | 26 | 26 | 26 | 26 | 8 | 14 | 14 | 14 | 20 | 14 | 26 | 14 | 26 | 20 |

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| **X\_7** | 20 | 20 | 20 | 26 | 26 | 23 | 20 | 20 | 26 | 29 | 20 | 26 | 26 | 23 | 26 |

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| **X\_8** | 20 | 32 | 26 | 20 | 14 | 32 | 38 | 20 | 20 | 20 | 32 | 26 | 26 | 20 | 32 |

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| **X\_9** | 29 | 29 | 29 | 23 | 29 | 29 | 23 | 41 | 23 | 35 | 23 | 29 | 29 | 29 | 29 |

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