**Question 3.2 Explanation**

Question 3.2

The mergeSort() Explanation

mS() is short for mergeSort()

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| 4 | 21 | 2 |

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| 7 | 1 | 6 | 12 | -3 | 8 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Index | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| value | 7 | 1 | 6 | 12 | -3 | 8 | 4 | 21 | 2 | 30 | -1 | 9 |

Question 3.2

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| -1 | 2 | 4 | 9 | 21 | 30 |

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| -3 | 1 | 6 | 7 | 8 | 12 |

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| 2 | 4 | 21 |

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**The merge() Explanation**

m() is short for merge()