| Date:/ /   |
|--|
| week#3   |
| array S[n], n ints   |
|  |
| a+b+c=0, Find $all?$ $(x) S = [-1,0,1,2,-1,-4]$ $(x) S = [-1,0,1,2,-1,-4]$ |
| (more than 1)  |
| ex) S = [-1,0,1,2,-1-4]  |
|  |
| Salutions:   |
| [[-1,0,-1],[-1,-1,2]]  |
|  |
|  |
|  |
| Sart array {-4,-1,-1,0,1,2}  |
|  |
| chase a & b  |
| a=-4 +11 (1 ==)  |
| a = -4 $b = -1$ $c = -(a+b) = -a-b$  |
| b = -1 $M$ $M$   |
| c = -(a+b) = -a-b  |
|  |
| · Search for value - (a+b) in  |
| array  |
| if (found)   |
| add to solution set  |
| else   |
| dent add to set  |
|  |
|  |

| 100 |               | Date://                                    |
|-----|---------------|--|
|     | Test          | Cases                                      |
| 1   | Input         | result                                     |
| 4   |               |  |
| _   | Full          | Null parter Null                           |
|     | [ ]           | empty Null                                 |
|     |               |  |
|     | [1,2,3]       | incorrect Null                             |
|     | - 7           | <del> </del>                               |
|     | [-1,-1,0]     | [[-1,-1,0]] single salution                |
|     | WS 3 . 5 *    |  |
|     | ML-3 / 25     | [[-6,3,3], multiple<br>[1,2,-3]] solutions |
|     | V V 5, 6, 3 ] | [1,2,-3]] solutions                        |
|     | T-3 1 2,1     | [[-3,1,2]] Implicate                       |
|     | 2,-37         | 1  |
|     |               |  |
|     | [1,2,3,4,     | non Sodestran NWI                          |
| _   | 5,67          |  |
|     |               |  |
|     |               |  |
|     |               | $\{0,0,\ldots,n_{n}\}$                     |
|     |               |  |
|     |               | 51251                                      |
|     |               | かくりのようれ, …, りれる                            |
|     | a             | J U  |
|     |               | ξη, 3 ξη <sub>2</sub> , η, 3               |
|     |               | b search son no                            |
|     |               | C_A !                                      |

A (2) 2)