| First attempt   |                                     |
|---|-------------------------------------|
| for(i=0; ikn; i+t)  |                                     |
| Examine list [i] to list [n-1] and suppose that the smallest integer is at  |                                     |
| #(100 k <b>-   -   -   -   -   -   -   -   -   - </b>   |                                     |
| + 1 solono little and texting   |                                     |
| Interchange Land -  Go How to find the smallest integer?  6) How to interchange list[i] and list[min]?  |                                     |
| Cuan Cunalin  |                                     |
| void swap (int * 2, int * y)  |                                     |
| Void swap (int *7, int *y)  { /* both farameters are pointers to ints */  |                                     |
| int-temp= $*\chi$ ;<br>$*\chi=*Y$ ;   |                                     |
| $*\chi = \tau f$ $*\chi = +zmD$ ;   |                                     |
| *y=temp;  |                                     |
| Macro version of sucap $\frac{M_{acro} \text{ version of sucap}}{M_{acro}} (x) = (x) (x) = (x) (y) = (x)$   |                                     |
| # define SWAP(xy+) (t)=(x), (x)=(y) (y)=(t))  |                                     |
| Werk's for any data type.  Werk's for any data type.  Werk's for any data type.   |                                     |
| showing list[i] with list[it] list[it2], list[n-1]. Wherever we find  |                                     |
| Werk's for any data type.  We can solve the first subtask by assuming that the minimum is list[i], whenever we find chaoking list[i] with list[it], list[it2], list[h-1]. Whenever we find a smaller no, we make it the now min. When we reach list[h-1], we are done a smaller no, we make it the now min. When we reach list[h-1], we are done. |                                     |
| The All inneion of the program is inquenented or  |                                     |
| 1. Void sort (int list[], int n)  | 10. SWAP (list[i], list[min], temp) |
| 1. Void sert (int list[], int n) 2.5 3. int i, j, min, temp; 9. fer(i=0; ixn-1; itt)  | Does this work correctly?           |
| 7. for (i= 41; Kn; i++) 8. i+ (lix[i] < lix[min] 9. min=j;  |                                     |
| y. min=j;   | 보다 하다는 그들이 그래요? 플러워 얼마나 다           |