```c
#include <stdio.h>

int main() {
int prices[50];
int n;
int i, j, key;


printf("Enter number of products: ");
scanf("%d", &n);


printf("Enter the prices of products:\n");
for (i = 0; i < n; i++) {
scanf("%d", &prices[i]);
}


for (i = 1; i < n; i++) {
key = prices[i];
j = i - 1;


while (j >= 0 && prices[j] > key) {
prices[j + 1] = prices[j];
j--;
}


prices[j + 1] = key;
}


printf("\nProduct prices in ascending order:\n");
for (i = 0; i < n; i++) {
printf("%d ", prices[i]);
}

printf("\n");   // Move to a new line

return 0;      // End of program
}
```