

Nama : Rimba Berlia Aji Widiarta

NIM : 1203230111

The screenshot shows the Visual Studio Code interface with a C program for bubble sort. The Explorer sidebar on the left lists various files, with 'ppointer.c' selected. The main editor displays the code for 'ppointer.c', which includes a bubble sort function and a main function. The code is as follows:

```
1  #include <stdio.h>
2
3  void sort(int* arr, int n) {
4      int i, j, temp;
5
6      // Melakukan perulangan sebanyak n untuk mengecek setiap elemen
7      for (i = 0; i < n-1; i++) {
8          // Melakukan perulangan sebanyak n-1-1 untuk membandingkan setiap elemen
9          for (j = 0; j < n-1-i; j++) {
10             // Jika elemen saat ini lebih besar dari elemen berikutnya
11             if (arr[j] > arr[j+1]) {
12                 // Menggantikan nilai kedua elemen
13                 temp = arr[j];
14                 arr[j] = arr[j+1];
15                 arr[j+1] = temp;
16             }
17         }
18     }
19 }
20
21 int main() {
22     int arr[] = {10, 5, 2, 9, 7, 8, 6, 1, 3, 4};
23     int n = sizeof(arr)/sizeof(arr[0]);
24     int i;
25
26     sort(arr, n);
```

The TERMINAL panel at the bottom shows the command prompt output:

```
PS C:\Users\Rimba BAW\Documents\c\output> & .\ppointer.exe'
Array yang telah diurutkan secara ascending adalah:
1 2 3 4 5 6 7 8 9 10
PS C:\Users\Rimba BAW\Documents\c\output>
```

A notification at the bottom right states "Compiled successfully!". The status bar at the bottom indicates the file is at line 35, column 2, with 4 spaces, UTF-8 encoding, CRLF line endings, and is opened in a Win32 window.