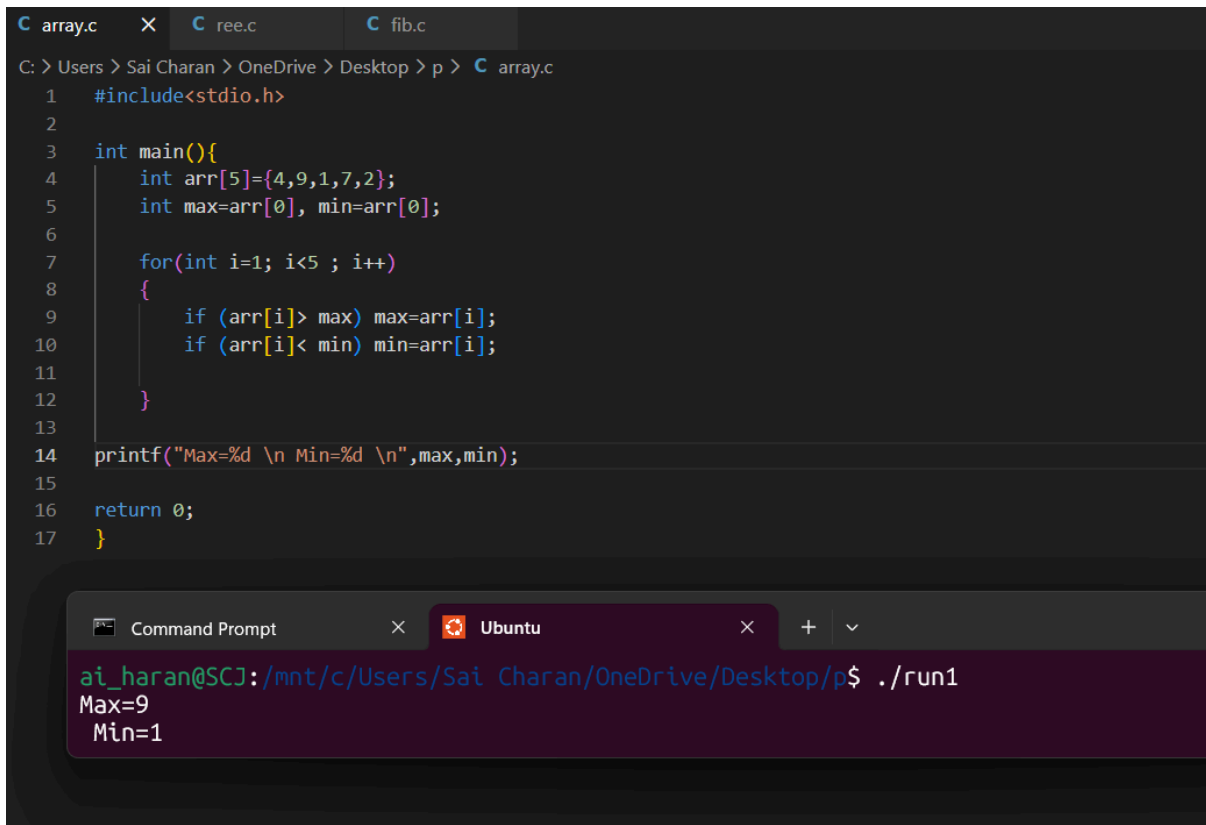


# 1. Write a program to find the largest and smallest element in an array.

Code with Output:



The image shows a code editor with three tabs: 'array.c', 'ree.c', and 'fib.c'. The 'array.c' tab is active, displaying a C program. The program defines an array 'arr' with values {4, 9, 1, 7, 2}, initializes 'max' and 'min' to the first element (4), and uses a loop to find the maximum and minimum values. The output of the program is shown in a terminal window below the code editor, displaying 'Max=9' and 'Min=1'.

```
C array.c X C ree.c C fib.c
C: > Users > Sai Charan > OneDrive > Desktop > p > C array.c
1  #include<stdio.h>
2
3  int main(){
4      int arr[5]={4,9,1,7,2};
5      int max=arr[0], min=arr[0];
6
7      for(int i=1; i<5 ; i++)
8      {
9          if (arr[i]> max) max=arr[i];
10         if (arr[i]< min) min=arr[i];
11     }
12
13
14     printf("Max=%d \n Min=%d \n",max,min);
15
16     return 0;
17 }
```

```
ai_haran@SCJ:/mnt/c/Users/Sai Charan/OneDrive/Desktop/p$ ./run1
Max=9
Min=1
```