

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

Code with Output:

The screenshot shows a terminal window with two tabs: "array.c" and "Ubuntu". The "array.c" tab contains the following C code:

```
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 }
```

The "Ubuntu" tab shows the command prompt and the output of the program:

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