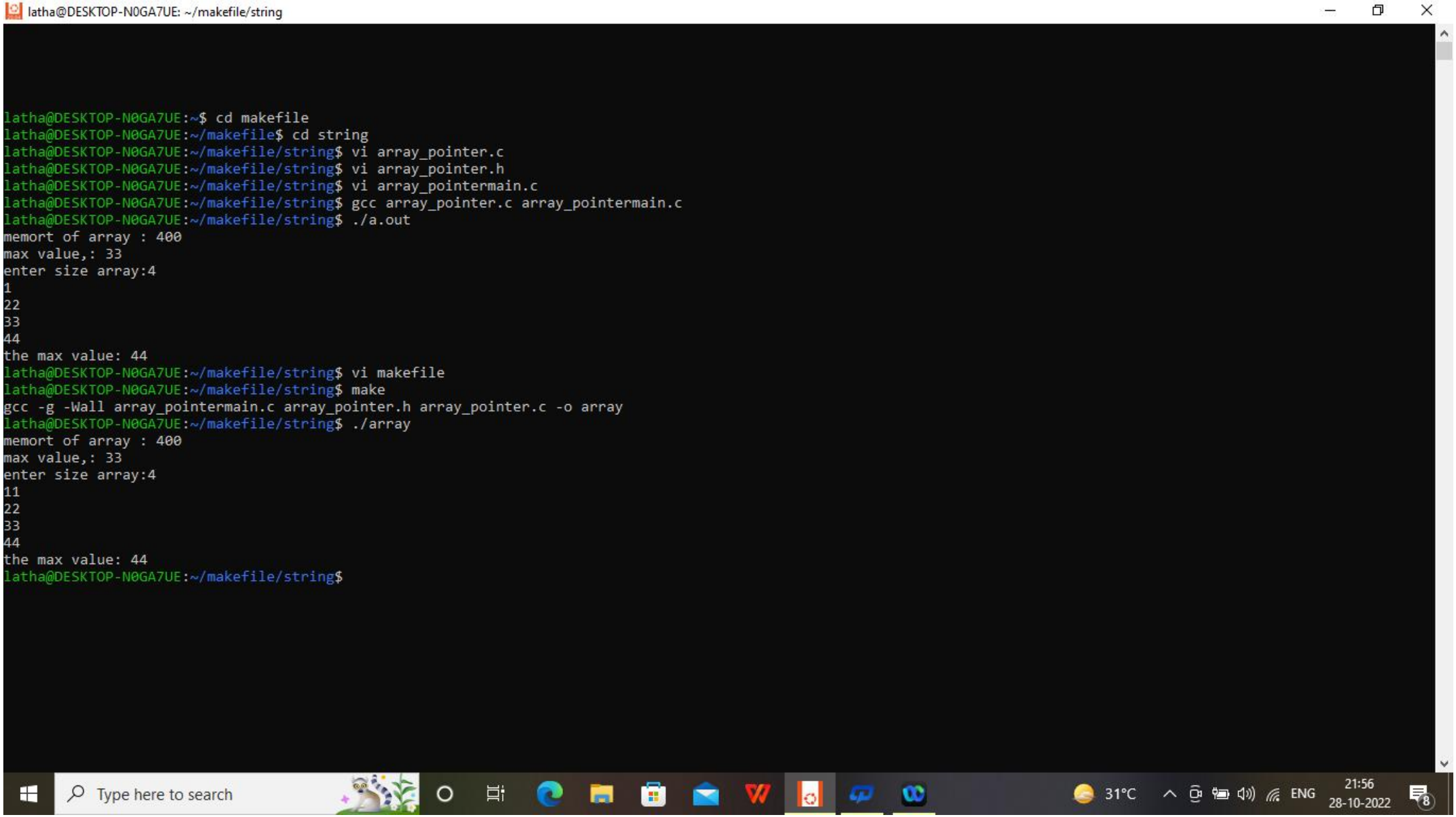
latha@DESKTOP-N0GA7UE: ~/makefile/string
latha@DESKTOP-N0GA7UE:~$ cd makefile
latha@DESKTOP-N0GA7UE:~/makefile$ cd string
latha@DESKTOP-N0GA7UE:~/makefile/string$ vi array_pointer.c
latha@DESKTOP-N0GA7UE:~/makefile/string$ vi array_pointer.h
latha@DESKTOP-N0GA7UE:~/makefile/string$ vi array_pointermain.c
latha@DESKTOP-N0GA7UE:~/makefile/string$ gcc array_pointer.c array_pointermain.c
latha@DESKTOP-N0GA7UE:~/makefile/string$ ./a.out
memort of array : 400
max value,: 33
enter size array:4
1
22
33
44
the max value: 44
latha@DESKTOP-N0GA7UE:~/makefile/string$ vi makefile
latha@DESKTOP-N0GA7UE:~/makefile/string$ make
gcc -g -Wall array_pointermain.c array_pointer.h array_pointer.c -o array
latha@DESKTOP-N0GA7UE:~/makefile/string$ ./array
memort of array : 400
max value,: 33
enter size array:4
11
22
33
44
the max value: 44
latha@DESKTOP-N0GA7UE:~/makefile/string$
Type here to search
31°C
ENG
21:56
28-10-2022

latha@DESKTOP-N0GA7UE: ~/makefile/string

```c
/*************************************************************************************************************
 * * FILE NAME : array_pointer.c
 * *
 * * DESCRIPTION : the file contain the main function of array
 * *
 * * Revision History :
 * *
 * *DATE                NAME                          REFERENCE                     REASON
 * *----------------------------------------------------------------------------------------------------------
 * *27 OCT 2022     GOWRILATHA CHOPPA              NEW                 To create main array
 * *
 * *
 ************************************************************************************************************/
#include<stdio.h>
int getmax(int array[], int size)
{
        int a=0;                                /*integer of a value*/
        int maxVal=0;                           /*input of maximum value*/
        maxVal=array[0];
        for(a=1;a<size;a++)                          /*looping the inter size and input value*/
        {
                if(maxVal<array[a])
                {
                        maxVal=array[a];
                }
        }
        return maxVal;                                 /* return the maximum value*/
}
~
~
~
~
~
~
~
~
~
~
~
~
~
~
-- INSERT --                                                                                27,80-87      All
```

Type here to search   31°C   ENG   21:08 28-10-2022

latha@DESKTOP-N0GA7UE: ~/makefile/string

```
/******************************************************************************************************
 * * FILE NAME : array_pointer.h
 * *
 * * DESCRIPTION : the file contain the function which sends external information of array
 * *
 * *DATE                    NAME                         REFERENCE              REASON
 * *---------------------------------------------------------------------------------------------
 * *27 OCT 2022      GOWRILATHA CHOPPA              NEW              TO create main array
 * *
 ******************************************************************************************************/
#ifndef _ARRAY_POINTER_H
#define _ARRAY_POINTER_H
#include<stdio.h>
#define MAX 100              /* the value of max value is 100*/
int getmax(int array[MAX], int size);       /*integer array and size of the array*/
#endif/*end of _ARRAY_POINTER_H macro*/
~
-- INSERT --                                                                    16,39          All
```

Type here to search

31°C ENG 21:18 28-10-2022

latha@DESKTOP-N0GA7UE: ~/makefile/string

```
/*****************************************************************************************************
 * * FILE NAME : array_pointermain.c
 * *
 * * DESCRIPTION : the file contain the function definition of array
 * *
 * * Revision History :
 * *
 * *DATE                NAME                          REFERENCE                  REASON
 * *-----------------------------------------------------------------------------------------------
 * *27 OCT 2022    GOWRILATHA CHOPPA               NEW                      To create main array
 * *
 * *
 * *Copy right @2022 Altran Group All Rights reserved
 * *
 *****************************************************************************************************/

#include"array_pointer.h"
/*****************************************************************************************************
 * * FUNCTION NAME : Max
 * *
 * * DESCRIPTION : In this function aw will find out the largest element in array
 * *
 * * RETURN    : Return largest number in case of success
 * *
 *****************************************************************************************************/
int main()
{
        int array[MAX];
        int tmp;                                /*index value*/
        int array1[MAX]={11,22,33};             /*number of values*/
        int size;                               /*size of the array*/
        int max=0;
        int max1=0;
        printf("memort of array : %ld \n",sizeof(array));       /*enter the array memory*/
        max1=getmax(array1,3);
        printf("max value,: %d \n",max1);                       /*maximum value of array*/
        printf("enter size array:");
        scanf("%d", &size);
        for(tmp=0;tmp<size;tmp++)
        {
                scanf("%d",&array[tmp]);
        }
        if(size<=0)                                             /*using if condition size of array */
-- INSERT --                                                                    5,5           Top
```

Type here to search

31°C ENG 21:46 28-10-2022

latha@DESKTOP-N0GA7UE: ~/makefile/string

```
 * *
 * *
 * *Copy right @2022 Altran Group All Rights reserved
 * *
 ***************************************************************************************************/

#include"array_pointer.h"
/***************************************************************************************************
 * * FUNCTION NAME : Max
 * *
 * * DESCRIPTION : In this function aw will find out the largest element in array
 * *
 * * RETURN     : Return largest number in case of success
 * *
 ***************************************************************************************************/
int main()
{
        int array[MAX];
        int tmp;                                /*index value*/
        int array1[MAX]={11,22,33};             /*number of values*/
        int size;                               /*size of the array*/
        int max=0;
        int max1=0;
        printf("memort of array : %ld \n",sizeof(array));       /*enter the array memory*/
        max1=getmax(array1,3);
        printf("max value,: %d \n",max1);                       /*maximum value of array*/
        printf("enter size array:");
        scanf("%d", &size);
        for(tmp=0;tmp<size;tmp++)
        {
                scanf("%d",&array[tmp]);
        }
        if(size<=0)                                                     /*using if condition size of array */
        {
               printf("The size of array as per max requirement: \n");    /*size of array per maximum requiewd*/
        }
        else
        {
                max=getmax(array,size);
                printf("the max value: %d\n",max);                  /* the maximum valiue return*/
        }
        return 0;
}
-- INSERT --                                                                    48,3-10       Bot
```

latha@DESKTOP-N0GA7UE: ~/makefile/string

```
CC = gcc
CFLAGS = -g -Wall
LIBS = -Lm
array: array_pointer.c array_pointermain.c array_pointer.h
	$(CC) $(CFLAGS) array_pointermain.c array_pointer.h array_pointer.c -o array

clear:

	rm -f array_pointermain.o array.c
```

-- INSERT --

9,43-57 All

Type here to search

31°C ENG 21:55 28-10-2022