



TDM-GCC 4.9.2 64-bit Release

P header.h implement.c

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 #include"header.h"
4
5 int main(){
6
7     int ch=1,choice;
8     while(ch==1){
9         printf("\n1.Create and print an array\n2.find the element in the array\n3.Exit ");
10        scanf("%d",&choice);
11
12        if(choice==1)createarray();
13        else if(choice==2)find();
14        else if(choice==3) ch=0;
15        else printf("\nInvalid choice");
16    }
17 }
```



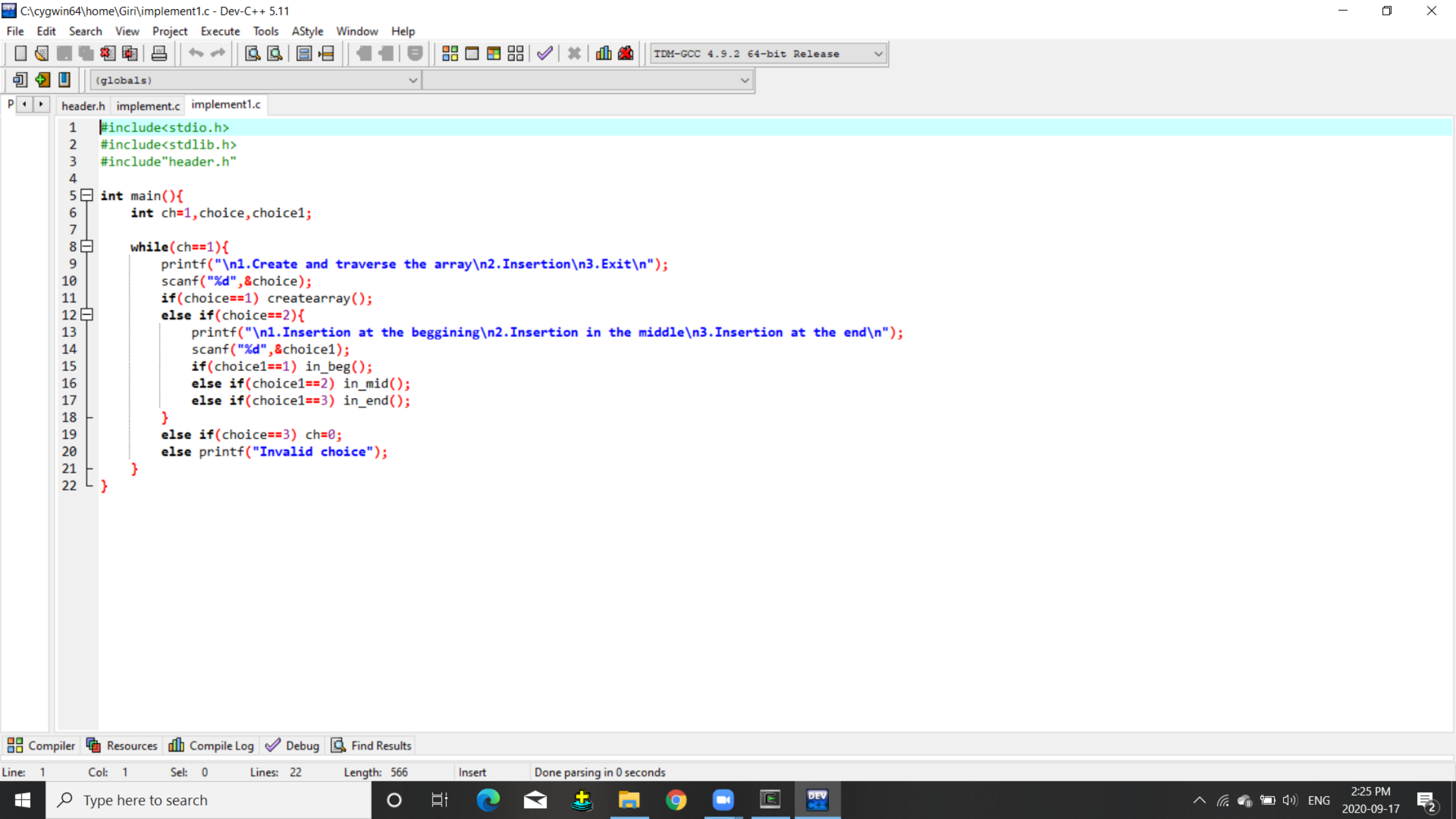
(globals)

P header.h implement.c

```
1 #include<stdlib.h>
2 #include<stdio.h>
3 struct array{
4     int data[30];
5 }a;
6 void createarray();
7 void traverse();
8 void find();
9 void in_beg();
10 void in_mid();
11 void in_end();
12 int n;
13
14 void createarray(){
15     int i;
16     printf("\nEnter the size of the array ");
17     scanf("%d",&n);
18     for(i=0;i<n;i++){
19         printf("\nEnter the data %d ",i+1);
20         scanf("%d",&a.data[i]);
21     }
22     traverse();
23 }
24
25 void traverse(){
26     int i;
27     printf("\nThe data in the list is \n");
28     for(i=0;i<n;i++){
29         printf("%d\t",a.data[i]);
30     }
31 }
32
33
34 void in_beg(){
35     int i,pos=1,b;
36     printf("\nEnter the data "):
```

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Line: 1 Col: 1 Sel: 0 Lines: 101 Length: 1592 Insert Done parsing in 0 seconds



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\$./implement

1.Create and print an array
2.find the element in the array
3.Exit 1

Enter the size of the array 5

Enter the data 1 23

Enter the data 2 45

Enter the data 3 21

Enter the data 4 76

Enter the data 5 578

The data in the list is
23 45 21 76 578

1.Create and print an array
2.find the element in the array
3.Exit 2

Enter the data to be searched in the array 45

The data 45 is found at position 2

1.Create and print an array
2.find the element in the array
3.Exit 3

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```
Giri@LAPTOP-GR1GFL2K ~  
$ ./implement1
```

```
1.Create and traverse the array  
2.Insertion  
3.Exit  
1
```

Enter the size of the array 5

Enter the data 1 23

Enter the data 2 54

Enter the data 3 76

Enter the data 4 12

Enter the data 5 87

The data in the list is
23 54 76 12 87

```
1.Create and traverse the array  
2.Insertion  
3.Exit  
2
```

```
1.Insertion at the beggining  
2.Insertion in the middle  
3.Insertion at the end  
1
```

Enter the data 23

The data in the list is
23 23 54 76 12 87

```
1.Create and traverse the array  
2.Insertion  
3.Exit  
3
```

```
Giri@LAPTOP-GR1GFL2K ~  
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Giri@LAPTOP-GR1GFL2K ~
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