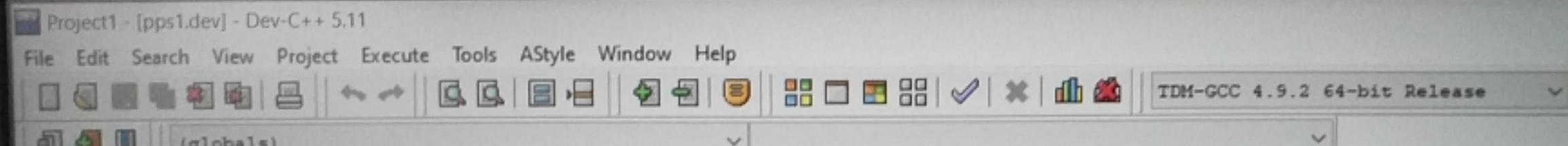


```
1 #include <stdio.h>
2 #include <conio.h>
3 main()
4 {float num1,num2,result;
5   printf("\n Enter first num = ");
6   scanf("%f", &num1);
7   printf("\n Enter second number = ");
8   scanf("%f", &num2);
9   result=num1-num2;
10  printf("\n result=%f",result);
11  getch();
12 }
```



```
1 #include <stdio.h>
2 #include <conio.h>
3 main()
4 {
5     float num1, num2, result;
6     printf("\n Enter first number = ");
7     scanf("%f", &num1);
8     printf("\n Enter second number = ");
9     scanf("%f", &num2);
10    result=num1*num2;
11    printf("\n result=%f",result);
12 }
```

Project1 - [pps1.dev] - Dev-C++ 5.11

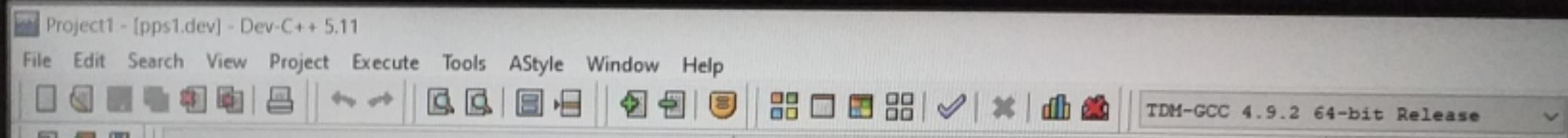
File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug pps2.cpp pps3.cpp pps1.cpp pps4.cpp pps5.cpp pps6.cpp pps7.cpp pps8.cpp pps9.cpp pps10.cpp pps11.cpp

```
1 #include <stdio.h>
2 #include <conio.h>
3 #include <math.h>
4 main()
5 {
6     float a,b,c,D,r1,r2;
7     printf("\n quadratic equation : a*x*x+b*x+c ");
8     printf("\n Enter value of a =");
9     scanf("%f", &a);
10    printf("\n Enter value of b =");
11    scanf("%f", &b);
12    printf("\n Enter value of c =");
13    scanf("%d", &c);
14    D=(b*b-4*a*c) ;
15    printf("\n D=%f",D);
16    if(D>=0)
17    {
18        printf("\n roots are real");
19        r1=(-b+sqrt(D))/2*a;
20        printf("\n r1=%f",r1);
21        r2=(-b-sqrt(D))/2*a;
22        printf("\n r2=%f",r2);
23    }
24    else
25        printf("\n roots are imaginary");
}
```



```
1 #include<stdio.h> C:\Users\AMRIT RAJ\Documents\pps5.cpp
2 #include<conio.h>
3 int main()
4 {
5     int n,i=1,fact=1;
6     printf("\n enter value = ");
7     scanf("%d", &n);
8     while(i<=n)
9     {
10        fact=fact*i;
11        i++;
12    }
13 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1

Col: 1

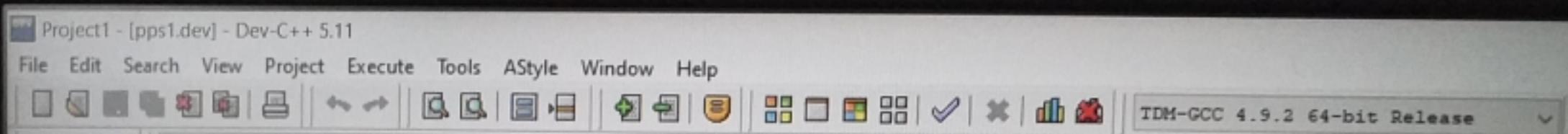
Sel: 0

Lines: 13

Length: 239

Insert

Done parsing 22 files in 0.109 seconds (201.83 files per second)



Project Classes Debug pps2.cpp pps3.cpp pps1.cpp pps4.cpp pps5.cpp pps6.cpp pps7.cpp pps8.cpp pps9.cpp pps10.cpp pps11.cpp

```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 {
5     int n,i=1,sum=0;
6     printf("\n enter number = ");
7     scanf("%d", &n);
8     while(i<=n)
9     {
10        sum=sum+i;
11        i++;
12    }
13    printf("\n sum of %d natural number is %d",n,sum);
14    getch();
15    return 0;
16 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1

Col: 1

Sel: 0

Lines: 14

Length: 236

Insert

Done parsing 22 files in 0.109 seconds (201.83 files per second)



Type here to search

Project1 - [pps1.dev] - Dev-C++ 5.11

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(globals)

Project Classes Debug pps2.cpp pps3.cpp pps1.cpp pps4.cpp pps5.cpp pps6.cpp pps7.cpp pps8.cpp pps9.cpp pps10.cpp pps11.cpp

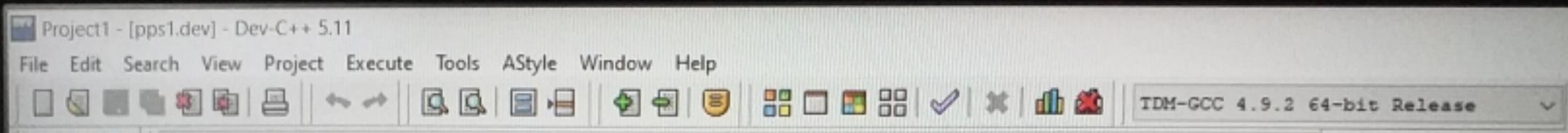
```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 {
5     int arr[10], i, sum=0, avg;
6     for(i=0; i<5; i++)
7     {
8         printf("\n enter number =%d", i);
9         scanf("%d", & arr[i]);
10        sum=sum+arr[i];
11    }
12    avg=sum/5;
13    printf("\n average =%d", avg);
14    getch();
15 }
```

C:\Users\AMRIT RAJ\Documents\pps7.cpp

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Set: 0 Lines: 13 Length: 238 Insert Done parsing 22 files in 0.109 seconds (201.83 files per second)

Type here to search



```
1 #include<stdio.h>
2 #include<conio.h>
3 int power(int,int);
4 int main()
5 {int a,b;
6 printf("\n enter base =");
7 scanf("%d", &a);
8 printf("\n enter power =");
9 scanf("%d", &b);
10 printf("\n power of %d raised to %d is %d",a,b,power(a,b));
11 getch();
12 return 0;
13 }
14
15
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 15 Length: 271 Insert

Done parsing 22 files in 0.109 seconds (201.83 files per second)

Type here to search

Project1 - [pps1.dev] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug pps2.cpp pps3.cpp pps1.cpp pps4.cpp pps5.cpp pps6.cpp pps7.cpp pps8.cpp pps9.cpp pps10.cpp pps11.cpp

```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 {int arr[5]={5,4,8,2,7},n,i=0;
5 printf("\n enter number to search =");
6 scanf("%d", &n);
7 for(i=0;i<10;i++)
8 if(n==arr[i])
9 printf("\n element found at location %d of array ",i);
10 getch();
11 return 0;
12 }
```

C:\Users\AMRIT RAJ\Documents\pps9.cpp

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 12 Length: 259 Insert Done parsing 22 files in 0.109 seconds (201.83 files per second)

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Project1 - [pps1.dev] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug pps2.cpp pps3.cpp pps1.cpp pps4.cpp pps5.cpp pps6.cpp pps7.cpp pps8.cpp pps9.cpp pps10.cpp pps11.cpp

```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 { int i,n,k[10],key,first,last,mid;
5   printf("\n enter number of element =");
6   scanf("%d", &n);
7   for(i=0;i<n;i++)
8   { scanf("%d", &k[i]); }
9   printf("\n enter the key you want to search =");
10  scanf("%d", &key);
11  first=0;
12  last=n-1 ;
13  mid=(first+last)/2 ;
14  while(first<=last)
15  { if(k[mid]<key)
16  { first=mid+1; }
17  else
18  { if(k[mid]==key)
19  { printf("\n %d formed at location %d",key,mid+1);
20  break; }
21  else
22  { last=mid-1; }
23  mid=(first+last)/2;
24  { if(first>last)
25  printf("\n not found");
26  }
27  getch();
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 28 Length: 567 Insert Done parsing 22 files in 0.109 seconds (201.83 files per second)

Type here to search

Project1 - [pps1.dev] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

(globals)

Project Classes Debug pps2.cpp pps3.cpp pps1.cpp pps4.cpp pps5.cpp pps6.cpp pps7.cpp pps8.cpp pps9.cpp pps10.cpp pps11.cpp C:\Users\AMRIT RAJ\Documents\pps11.cpp

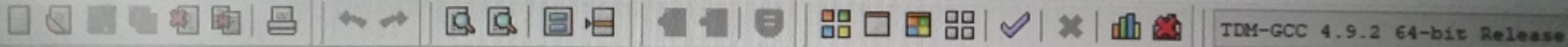
```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 {
5     int i,n,k[10],key,first,last,mid;
6     printf("\n enter number of element =");
7     scanf("%d", &n);
8     for(i=0;i<n;i++)
9     {
10        scanf("%d", &k[i]);
11    }
12    printf("\n enter the key you want to search =");
13    scanf("%d", &key);
14    first=0;
15    last=n-1 ;
16    mid=(first+last)/2 ;
17    while(first<=last)
18    {
19        if(k[mid]<key)
20        {
21            first=mid+1;
22        }
23        else
24        {
25            if(k[mid]==key)
26            {
27                printf("\n %d formed at location %d",key,mid+1);
28                break;
29            }
30            last=mid-1;
31            mid=(first+last)/2;
32        }
33        if(first>last)
34        {
35            printf("\n not found");
36        }
37    }
38    getch();
39 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 28 Length: 567 Insert Done parsing 22 files in 0.109 seconds (201.83 files per second)

Type here to search

File Edit Search View Project Execute Tools AStyle Window Help



(globals)

Project Classes Debug sum avg.c

main() : int

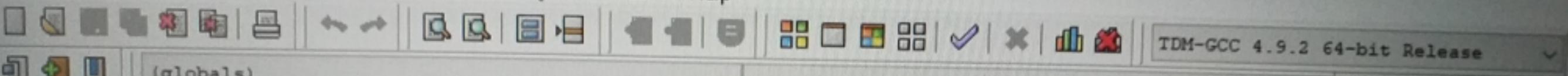
```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 {
5     int arr[10], i, sum=0, avg;
6     for(i=0; i<10; i++)
7     {
8         printf("\n Enter element number=");
9         scanf("%d", &arr[i]);
10        sum=sum+arr[i];
11    }
12    avg=sum/10;
13    printf("\n average=%d", avg);
14    getch();
15 }
```



Project Classes Debug sum avg.c pattern.c

--- main() : int

```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 {int n,c,k=2,r;
5 printf("\n enter the number of rows=");
6 scanf("%d", &n);
7 for(r=1;r<=n;r++)
8 { for(c=1;c<=2*n-k;c++)
9   printf(" ");
10  k=k+2;
11  for(c=1;c<=r;c++)
12  { printf(" * ");
13  }
14  printf("\n ");
15  }
16  getch();
17  return 0;
18 }
```

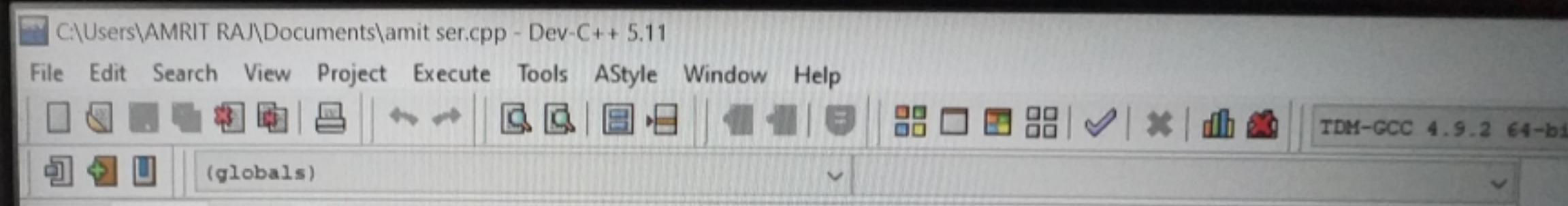


Project Classes Debug

sum avg.c pattern.c amit arr.cpp

main() : int

```
1 # include<stdio.h>
2 # include<stdio.h>
3 int main()
4 {
5     int n,marks[n], i;
6     printf("\n enter the size of array");
7     scanf(" %d", &n);
8     for (i=0; i<n; i++)
9     {
10        printf("\n enter marks of %d student", i+1);
11        scanf("%d", & marks[i]);
12    }
13    for( i=0; i<n; i++)
14    { printf("\n marks of student %d is %d", i, marks[i]);
15    }
16    return 0;
17 }
```



Project Classes Debug

sum avg.c pattern.c amit arr.cpp amit ser.cpp

fabe(int n) : int
main() : int

```
1 # include<stdio.h>
2 # include<conio.h>
3 int fabe(int);
4 int main()
5 {
6     int i=0, j, n;
7     printf("\n enter the number");
8     scanf(" %d ",& n);
9     for (j=0; j<n; j++)
10    {
11        printf("\n %d ",fabe(j));
12    }
13    return 0;
14 }
15 int fabe (int n)
16 {
17     if (n==0)
18         return 0;
19     if (n<=1)
20         return 1;
21     else
22         return(fabe(n-1)+fabe(n-2));
23 }
```



— main() : float

```
1 # include<stdio.h>
2 # include<conio.h>
3 float main()
4 { N,i,count=0,sum=0,t; float avg;
5 printf("\n enter number up to which avg to be find");
6 scanf ("%d", & N);
7 for(i=1;i<=N;i++)
8 {
9     printf("\n enter the number");
10    scanf("%d",& t);
11    if(t==0)
12        break;
13    if(t<0)
14        continue;
15    else
16    {
17        sum=sum+t;
18        count++;
19    }
20    avg=sum/count;
21    printf("avg of %d number is %f" ,count,avg);
22    getch();
23 }
```

C:\Users\AMRIT RAJ\Documents\pointers.cpp - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

Project Classes Debug sum avg.c pattern.c amit arr.cpp amit ser.cpp amit445.cpp compound.cpp pointers.cpp

main() : int
swap(int*x, int*y) : v

```
1 #include<stdio.h>
2 #include<conio.h>
3 void swap(int*, int*);
4 int main()
5 {
6     int a,b,*pa,*pb;
7     scanf("%d",&a);
8     scanf("%d",&b);
9     printf("values before swap");
10    printf("%d %d",a,b);
11    swap(&a,&b);
12    printf("value after swap");
13    printf("%d %d",a,b);
14    getch();
15    return 0;
16 }
17 void swap(int*x, int*y)
18 {
19     int temp;
20     temp=*x;
21     *x=*y;
22     *y=temp;
23 }
```

Compiler Resources Compile Log Debug Find Results

Line: 1 Col: 1 Sel: 0 Lines: 22 Length: 352 Insert Done parsing in 0.016 seconds

Type here to search

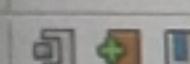
C:\Users\AMRIT RAJ\Documents\shorting.cpp - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

Project Classes Debug sum avg.c pattern.c amit arr.cpp amit ser.cpp amit445.cpp compound.cpp pointers.cpp shorting.cpp

TDM-GCC 4.9.2 64-bit Release

```
1 #include <stdio.h>
2 #include <conio.h>
3 int main()
4 int n,i,j,a[20],temp
5 for(i=0;i<=n-1;i++)
6 {min=a[i]
7 loc=i;
8 for(j=i+1;j<=n-1;j++)
9 {if(a[j]<min])
10 {min=a[j];
11 loc=j;
12 }
13 if(loc!=i)
14 {temp=a[i];
15 [i]=a[loc];
16 a[loc]=temp;
17 }}}
```



(globals)

Project Classes Debug

sum avg.c pattern.c amit arr.cpp amit ser.cpp amit445.cpp compound.cpp pointers.cpp shorting.cpp bubbleshort.cpp

main() : int

```
1 #include <stdio.h>
2 #include<conio.h>
3 int main()
4 {
5     int n,i,j,a[10],temp;
6     printf("\n enter the size of array=");
7     scanf("%d", &n);
8     for(i=0;i<n;i++)
9     {
10        printf("\n enter the %d element=",i+1);
11        scanf("%d", & a[i]);
12    }
13    for(i=0;i<n;i++)
14    {
15        for(j=0;j<n-i-1;j++)
16        {
17            if (a[j]>a[j+1])
18            {
19                temp=a[j];
20                a[j]=a[j+1];
21                a[j+1]=temp;
22            }
23        }
24    }
25    for(i=0;i<n;i++)
26    {
27        printf("\n %d ",a[i]);
28    }
29    return 0;
30 }
```

TDM-GCC 4.9.2 64-bit Release



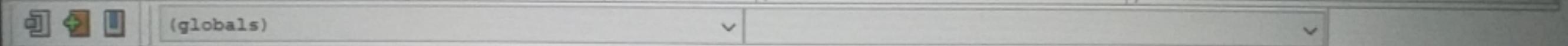
(globals)

Project Classes Debug

sum avg.c pattern.c amit arr.cpp amit ser.cpp amit445.cpp compound.cpp pointers.cpp shorting.cpp bubbleshort.cpp str

- date: struct
- main() : int

```
1 #include<stdio.h>
2 #include<conio.h>
3 struct date
4 { int dd;
5   char mmm[3];
6   int yyyy;
7 }
8 int main()
9 {
10 struct date d1,d2;
11 printf("\n enter date");
12 scanf("%d", &d1.dd);
13 scanf("%s", &d1.mmm);
14 scanf("%d", &d1.yyyy);
15 printf("%d",d1.dd);
16 printf("%s",d1.mmm);
17 printf("%d",d1.yyyy);
18 return 0;
19 }
```



student: struct

```
1 #include<stdio.h>
2 #include<conio.h>
3 struct student
4 {
5     char name,int roll no,int age,int marks, s1
6     int main()
7     {
8         struct student s1;
9         printf("\n enter roll no=");
10        scanf("%d",& s1.roll no);
11        printf("\n enter name=");
12        scanf("%d",& s1.name);
13        printf("\n enter age=");
14        scanf("%d",& s1.age);
15        printf("\n enter marks=");
16        scanf("%d",& s1.marks);
17        printf("%d is",s1.roll no,s1.name,s1.age,s1.marks);
18    }
19    return 0;
20 }
```