

A screenshot of a Windows operating system desktop. In the center is a code editor window titled "TDM-GCC 4.9.2 64-bit Profiling". The menu bar includes "File", "Edit", "Tools", "AStyle", "Window", and "Help". The toolbar contains icons for file operations like Open, Save, and Print. Below the toolbar is a status bar showing "(globals)". The code editor displays a C++ program:

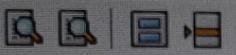
```
1 #include<stdio.h>
2 int main()
3 {
4     int i,n,sum=0;
5     printf("enter till u want sum");
6     scanf("%d",&n);
7     for(i=1;i<=n;i++)
8     {
9         sum=sum+i;
10    }
11    printf("%d",sum);
12 }
```

The line "for(i=1;i<=n;i++)" is highlighted with a yellow background. To the right of the code editor, the text "Q1" is displayed in large purple letters.

A screenshot of the AStyle IDE interface. At the top, there are tabs for "Compiler", "Resources", "Compile Log", "Debug", "Find Results", and "Close". Below these are two checkboxes: "Abort Compilation" and "Shorten compiler paths". The main area shows "Compilation results..." with the following output:

```
Compilation results...
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Desktop\123456.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.28s
```

At the bottom, there is a status bar with the following information: Line: 7, Col: 20, Sel: 0, Lines: 12, Length: 169, Insert, Done parsing in 0 seconds. The taskbar at the very bottom shows various application icons.



TDM-GCC 4.9.2 64-bit Profiling

(globals)

Classes Debug

asdfhjk.cpp 123456.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,n,sum=0;
5     printf("enter till u want sum");
6     scanf("%d",&n);
7     for(i=2;i<=n;i=i+2)
8     {
9         sum=sum+i;
10    }
11    printf("%d",sum);
12 }
```

Q2

Compiler Resources

Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\123456.exe
- C:\Users\DELL\Desktop\123456.exe 152 0712890625 Kib

Search View Project Execute Tools AStyle Window Help

(globals)

TDM-GCC 4.9.2 64-bit Profiling

Project Classes Debug asdfhjk.cpp 123456.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,n,sum=0;
5     printf("enter till u want sum");
6     scanf("%d",&n);
7     for(i=1;i<=n;i=i+2)
8     {
9         sum=sum+i;
10    }
11    printf("%d",sum);
12 }
```

Q3

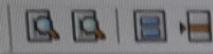
Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Desktop\123456.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.27s

Line: 12 Col: 2 Sel: 0 Lines: 12 Length: 171 Insert Done parsing in 0.016 seconds

Search View Project Execute Tools AStyle Window Help



TDM-GCC 4.9.2 64-bit Profiling



Classes Debug

asdfhjk.cpp 123456.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,n,sum=0,square;
5     printf("enter till u want sum");
6     scanf("%d",&n);
7     for(i=1;i<=n;i++)
8     {
9         square=i*i;
10        sum=sum+square;
11    }
12    printf("%d",sum);
13 }
```

Q4

Compiler Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\123456.exe
- Output Size: 163.0712890625 KiB
- Compilation Time: 0.28s

Line: 13

Col: 2

Sel: 0

Lines: 13 Length: 196

Insert

Done parsing in 0 seconds



Project Execute tools AStyle Window Help

(globals)

Debug asdfhjk.cpp 123456.cpp TDM-GCC 4.9.2 64-bit Profiling

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,n,sum=0,cube;
5     printf("enter till u want sum");
6     scanf("%d",&n);
7     for(i=1;i<=n;i++)
8     {
9         cube=i*i*i;
10        sum=sum+cube;
11    }
12    printf("%d",sum);
13 }
```

Q5

Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\123456.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.28s

Col: 2 Sel: 0 Lines: 13 Length: 192 Insert Done parsing in 0.016 seconds

ENG IN

```
1 #include<stdio.h>
2 int main()
3 {
4     int fact=1,i,n;
5     printf("enter no.");
6     scanf("%d",&n);
7     for(i=1;i<=n;i++)
8     {
9         fact=fact*i;
10    }
11    printf("%d",fact);
12 }
```

Q6

asdfhjk.cpp 123456.cpp 678.cpp 789.cpp TDM-GCC 4.9.2 64-bit Profiling

```
1 #include<stdio.h>
2 int main()
3 {
4     int count,n;
5     printf("enter no");
6     scanf("%d",&n);
7     while(n!=0)
8     {
9         n=n/10;
10        count++;
11    }
12    printf(" it is %d digit no.",count);
13 }
```

Q7

Sources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\DELL\Desktop\789.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.38s

globals

asdfhjk.cpp 123456.cpp 678.cpp 789.cpp 456.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int n,i,flag=0;
5     printf("enter n");
6     scanf("%d",&n);
7     for(i=2;i<=n/2;i++)
8     {
9         if(n % i==0)
10            flag =1;
11            break;
12     }
13     if(flag==1)
14     printf("not prime");
15     else
16     printf(" prime");
17 }
```

Q8

Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Desktop\456.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.20s

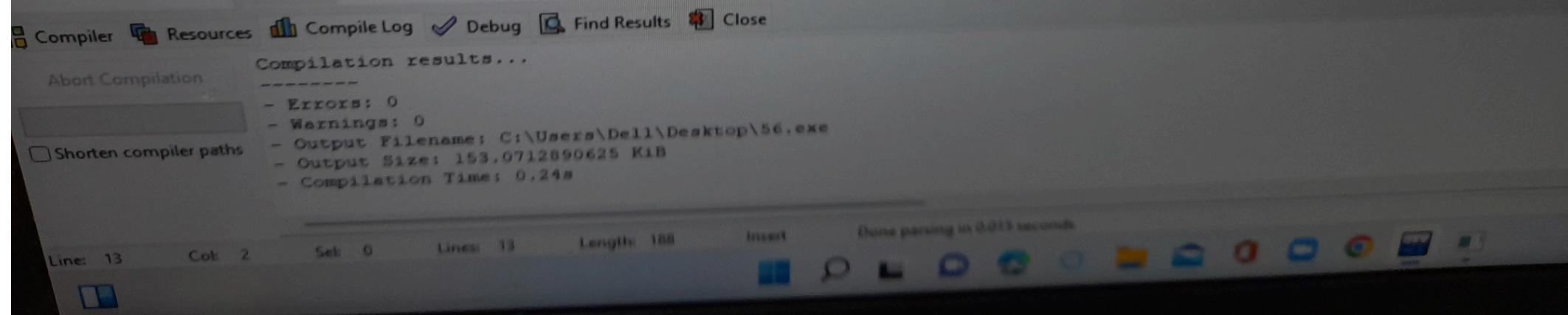
7 Col: 16 Sel: 0 Lines: 17 Length: 226 Insert

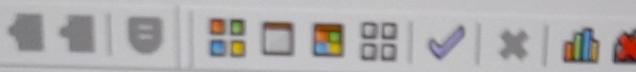
Done parsing in 0.016 seconds



```
1 #include<stdio.h>
2 int main()
3 {
4     int n,i,a;
5     printf("enter no.");
6     scanf("%d%d",&n,&a);
7     for(i=1;i<=100;i++)
8     {
9         if((i%a==0)&& (i%n==0))
10        break;
11    }
12    printf("lcm is %d",i);
13 }
```

Q9





TDM-GCC 4.9.2 64-bit Profiling

(globals)

Classes Debug

asdfhjk.cpp 123456.cpp 678.cpp 789.cpp 456.cpp 90.cpp 67.cpp 56.cpp

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,n,i,remainder,reverse=0;
5     printf("enter no.");
6     scanf("%d",&n);
7     while(n!=0)
8     {
9         remainder=n%10;
10        n=n/10;
11        reverse=reverse*10+remainder;
12    }
13    printf("%d",reverse);
14 }
```

Q10

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Dell\Desktop\56.exe
- Output Size: 153.0712890625 KiB
- Compilation Time: 0.24s

Line: 14 Col: 2 Sel: 0 Lines: 14 Length: 220

Insert

Done parsing in 0.015 seconds

