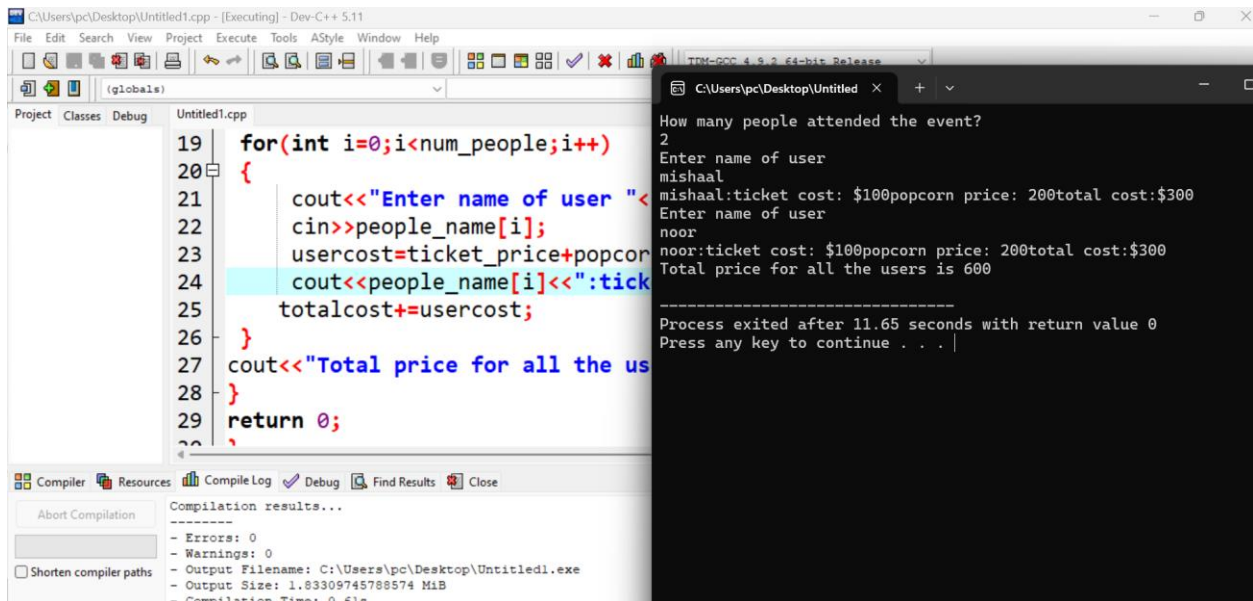


Mishaal Aamir

64883

Task 1:



The screenshot shows the Dev-C++ IDE with a C++ program for Task 1. The code calculates the total cost for a group of people attending an event, based on the number of people, their names, and the cost of tickets and popcorn. The output window shows the program's execution with user input and calculated costs.

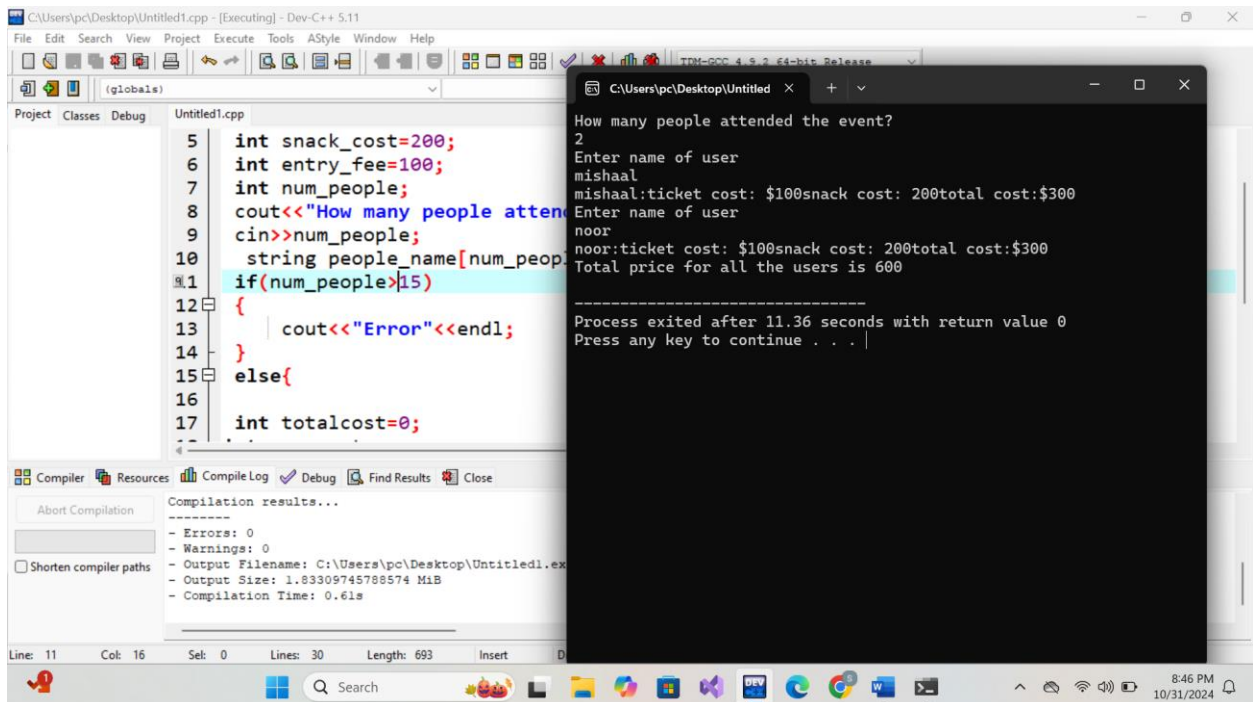
```
19 for(int i=0;i<num_people;i++)
20 {
21     cout<<"Enter name of user "<<endl;
22     cin>>people_name[i];
23     usercost=ticket_price+popcorn_price;
24     cout<<people_name[i]<<":ticket cost: $100popcorn price: 200total cost:$300<<endl;
25     totalcost+=usercost;
26 }
27 cout<<"Total price for all the users is "<<totalcost<<endl;
28 }
29 return 0;
```

Output:

```
How many people attended the event?
2
Enter name of user
mishaal
mishaal:ticket cost: $100popcorn price: 200total cost:$300
Enter name of user
noor
noor:ticket cost: $100popcorn price: 200total cost:$300
Total price for all the users is 600

-----
Process exited after 11.65 seconds with return value 0
Press any key to continue . . .
```

Task 2:



The screenshot shows the Dev-C++ IDE with a C++ program for Task 2. The code calculates the total cost for a group of people attending an event, based on the number of people, their names, and the cost of tickets and popcorn. The output window shows the program's execution with user input and calculated costs.

```
5 int snack_cost=200;
6 int entry_fee=100;
7 int num_people;
8 cout<<"How many people attended the event? "<<endl;
9 cin>>num_people;
10 string people_name[num_people];
11 if(num_people>15)
12 {
13     cout<<"Error"<<endl;
14 }
15 else{
16     int totalcost=0;
17     for(int i=0;i<num_people;i++)
18     {
19         cout<<"Enter name of user "<<endl;
20         cin>>people_name[i];
21         usercost=ticket_price+popcorn_price;
22         cout<<people_name[i]<<":ticket cost: $100popcorn price: 200total cost:$300<<endl;
23         totalcost+=usercost;
24     }
25     cout<<"Total price for all the users is "<<totalcost<<endl;
26 }
```

Output:

```
How many people attended the event?
2
Enter name of user
mishaal
mishaal:ticket cost: $100snack cost: 200total cost:$300
Enter name of user
noor
noor:ticket cost: $100snack cost: 200total cost:$300
Total price for all the users is 600

-----
Process exited after 11.36 seconds with return value 0
Press any key to continue . . .
```