

```
SocialNet.java:29: error: ';' expected
        System.out.println("Enter name:")
                                   ^
1 error
```

```
SocialNet.java:67: error: reached end of file while parsing
}
^
1 error
```

```
SocialNet.java:48: error: not a statement
        System.out.println;
                        ^
1 error
```

```
SocialNet.java:59: error: unclosed string literal
        System.out.println("Total Friends Count:);
                        ^
1 error
```

Failed to compile

```
SocialNet.java:39: error: not a statement
        netArr[i][j]  "0";
                      ^
SocialNet.java:39: error: ';' expected
        netArr[i][j]  "0";
                      ^
2 errors
```

What is the total number of friends in the network:

4

Enter name:

Bob

Enter name:

Alice

Enter name:

Charlie

Enter name:

David

Output:

	Bob	Alice	Charlie	David
Bob	0	1	1	1
Alice	1	0	1	1
Charlie	1	1	0	1
David	1	1	1	0

Total Friends Count:

Bob 3

Alice 3

Charlie 3

David 3

What is the total number of friends in the network:

5

Enter name:

Emily

Enter name:

Frank

Enter name:

Grace

Enter name:

Henry

Enter name:

Isabelle

Output:

	Emily	Frank	Grace	Henry	Isabelle	
Emily	0	1	0	1	1	
Frank	1	0	1	1	0	
Grace	0	1	0	1	1	
Henry	1	1	1	0	1	
Isabelle		1	0	1	1	0

Total Friends Count:

Emily 3

Frank 3

Grace 3

Henry 3

Isabelle 3

```
What is the total number of friends in the network:
3
Enter name:
Jessica
Enter name:
Kevin
Enter name:
Linda
```

Output:

	Jessica	Kevin	Linda
Jessica	0	1	1
Kevin	1	0	1
Linda	1	1	0

Total Friends Count:

```
Jessica 2
Kevin 2
Linda 2
```

```
What is the total number of friends in the network:
2
Enter name:
Michael
Enter name:
Nicole
```

Output:

	Michael	Nicole
Michael	0	1
Nicole	1	0

Total Friends Count:

```
Michael 1
Nicole 1
```

```
What is the total number of friends in the network:
```

```
1
```

```
Enter name:
```

```
Olivia
```

Output:

```
Olivia
```

```
Olivia 0
```

```
Total Friends Count:
```

```
Olivia 0
```

Pseudocode

1. Prompt the user to enter the total number of friends in the network.
2. Validate the input: Ensure the entered value is an integer greater than or equal to 1.
3. Store the number of friends in a variable (`numFriends`).
4. Create a 2D array (`netArr`) of size `numFriends` x `numFriends` to represent the social network.
5. Create an array (`names`) of size `numFriends` to store the names of the friends.
6. Iterate over `numFriends`, prompting the user to enter each friend's name and storing it in the `names` array.
7. Iterate over `numFriends`, comparing each friend to every other friend:
 - If the two friends' names are different, calculate the lexicographic difference between their names.
 - If the lexicographic difference is less than or equal to 12, set the corresponding element in the `netArr` to "1", indicating a friendship.
 - Otherwise, set the corresponding element in the `netArr` to "0", indicating no friendship.
8. Print the social network chart:
 - Print a header row with the names of the friends.
 - For each friend, print their name followed by their relationships with all other friends.
9. Print the total number of friends each person has:
 - For each friend, calculate their total number of friends by counting the "1"s in their corresponding row of the `netArr`.
 - Print the friend's name and their total number of friends.