

Inlämningsuppgift

Contact book

This assignment is to create a contact book so you can keep track of your friends. With this contact book you will both be able to add friends and view which friends that you have added.

- Start by creating an empty list of *strings* called `list_of_friends` and make that variable global
- Create a function called `add_friend` which will ask the user for the friend's name and append it to the list of friends
- Create a second function called `view_friends` which will print out all the friends in the list using a range based loop
- Create a third function called `print_menu` that prints the three options:

1: Add

2: View

3: Exit

- The menu, controlled from the main function shall get user input to the variable `choice` to run the menu
- The menu shall use a do-while loop until the user selects 3, then it should break the loop and the program will end
- The `print_menu` shall appear after all input (placed in the beginning of the do-while loop)
- If the user selects 1, it should call the `add_friend`-function
- Else if the user selects 2, it should call the `view_friends`-function
- No need to have check for invalid input

The following functions shall exist in your code:

```
void print_menu();
```

```
void view_friends();
```

```
void add_friend();
```

(and of course the “`int main()`” also)

Good luck!