

Answer on Question #62455 , Programming & Computer Science / C

How to print only one time the statement if a few wrong input is key in:

Eg:

if key in kkk, only will print one statement instead of the example below.

sample output:

Do you wish to try again (Type Y to continue Q to quit:kkk

Error: Invalid choice

Do you wish to try again (Type Y to continue Q to quit>Error: Invalid choice

Do you wish to try again (Type Y to continue Q to quit>Error: Invalid choice

Do you wish to try again (Type Y to continue Q to quit:

```
//Code
valid=0;
while (valid==0)
{
printf("\nDo you wish to try again (Type Y to continue Q to quit:"); // print statement request
for input
scanf(" %c", &choice); // get user input
choice = toupper(choice);
if((choice == 'Y') || (choice == 'Q')) valid= 1;
else printf("Error: Invalid choice\n"); // statement
}
```

Answer:

If you want to print only one time the statement if a few wrong input is entered, you have to clear stdin stream (read all symbols from it).

First method is to use `fflush(stdin);`

Second method is to read all symbols from the stdin stream using loop^

```
do {
    choice = getchar();
} while (choice != '\n' && choice != EOF);
```

So you have to change your code like below:

Method 1

```
valid=0;
while (valid==0)
{
    printf("\nDo you wish to try again (Type Y to continue Q to
quit:"); /* print statement request for input */
    scanf(" %c", &choice); /* get user input */
    choice = toupper(choice);
    if((choice == 'Y') || (choice == 'Q'))
        valid= 1;
    else
    {
        printf("Error: Invalid choice\n"); /* statement */
        fflush(stdin);
    }
}
```

Method 2

```
valid=0;
while (valid==0)
{
    printf("\nDo you wish to try again (Type Y to continue Q to
quit:"); /* print statement request for input */
    scanf(" %c", &choice); /* get user input */
    choice = toupper(choice);
    if((choice == 'Y') || (choice == 'Q'))
        valid= 1;
    else
    {
        printf("Error: Invalid choice\n"); /* statement */
        do {
            choice = getchar();
        } while (choice != '\n' && choice != EOF);
    }
}
```