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Create and change to a new directory in a single shell command

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Q. How do I create a new directory and change to same in a single command? For example I need to create a directory called foo and change to same

```
mkdir foo
cd foo
```

How do I run both command at a time?

There is no such command exists that can create and change directory in a one pass. However you can create a shell function or alias to automate this task.



[1]

Howto creating and changing into a new Directory same time

Add following function to your bash startup file ~/.bash_profile or ~/.bashrc

```
$ vi ~/.bashrc
```

Append mcd() code:

```
mcd ()
{
    if [ "$1" == "" ]; then
        echo "mcd directory-name";
    else
        if [ ! -d $1 ]; then
            mkdir $1;
            cd $1;
        else
            echo "$1 directory exists";
        fi;
    fi
}
```

Save and close the file. Logout and login again or type the following command:

```
$ . ~/.bashrc
```

Now use mcd command:

```
$ mcd foo
$ pwd
```

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