

Adding More to the Tested Function

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Having tested the function and found that it needs to check if the user types in something other than “y” or “n” instead of just informing them that they typed in an incorrect value, sometimes we might want to reject any incorrect input, and keep prompting them until they type in one of those two values. If we want to do that, we need to do the following: read in the input, and have a loop that will keep executing as long as the value that has been typed in is both not equal to “y” and not equal to “n”. This loop will keep running until a “y” or “n” is typed in, and when it is, the function can check which of the two values were input, as follows:

Yes or No FUNCTION – Version 3

```
def YN_Question3():

    answer = input("Do you wish to exit (y/n)? ")

    while (answer != "y") and (answer != "n"):
        print("INVALID INPUT:", answer)
        answer = input("Please input y or n:")
    # EndWhile;

    if (answer == "y"):
        print("You selected YES")
    else:
        print("You selected NO")
    # EndIf;

# END YN_Question3.
```

And we would call the function as follows (by adding the following to the bottom of the function in the same file):

```
YN_Question3()
```

Testing the Function

When we run the function, we will first get:

```
Do you wish to exit (y/n)?
```

And if the value input was “p”, the function would say:

```
INVALID INPUT: p
```

And if the value input was “x”, the function would say:

```
INVALID INPUT: x
```

And finally if we input the value “y”, the function would say:

```
You selected YES
```

So this function will keep printing out the message “INVALID INPUT:” followed by the value typed in, until the user types in a “y” or an “n”.

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