

```
n=int(raw_input("Enter the number"))    #Line 1
l=range(1,n)                            #Line 2
```

```
for i in l:                             #Line 3
    print i                             #Line 4
```

```
# Redo the above program using only while
```

```
                                #Line 5
                                #Line 6
                                #
                                #
```

```
#
# Also trace both programs giving a sample input as 20
#
#     The format of the trace must be as follows (upto 20 steps is sufficient) :
#
#     Trace of the computer's internal steps :
#
#     Step no.          Prog. Line          Memory updates
#         1              1
#         2              2
#         .
#         .
#         .
#        20
#
#
#     Trace of the output of the computer :
#
#     Step no.          Prog. Line          Output
#         1              1
#         2              2
#         .
#         .
#        20
```