

```

#
# Find the index of the first occurrence of a character
#

# Returns the index of the first occurrence of ch in str
# If ch does not occur in str then return -1 (an invalid index, if seen from left to
right)

def first_occurrence(str,ch):

s = raw_input("Enter the string")
c = raw_input("Enter the character")
i = first_occurrence(s,c)

if(i==-1):
    print 'the character ',c,' is not in the string "',s.'"\'
else:
    print 'The first occurrence of ',s[i],' is at position ',i

# Example sets
#
# 1) str = file.txt.pdf
#     ch = .
#     Observable_Output : The first occurrence of . is at position 4
#
# 2) str = aardvark.txt
#     ch = a
#     Observable_Output : The first occurrence of a is at position 0
#
# 3) str = polynomial
#     ch = .
#     Observable_Output : The character . is not in the string "polynomial"
#

# Trace format
#
# Example set 1
#
# Step    program_line    What_happens_inside_the_computer
# 1        9              s = "file.txt.pdf"
# 2       10              c = '.'
# 3       11              first_occurrence(s,c) ==> first_occurrence
# ('file.txt.pdf','.')
#
# Step    program_line    Observable_Output
# 1
#
#

```