

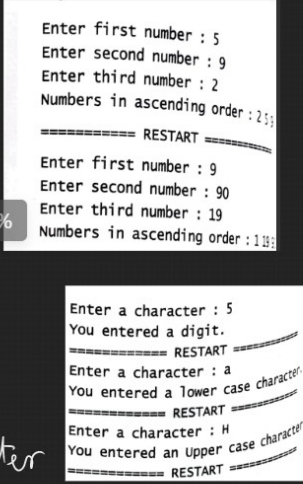
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course : python-ml-ai
Questions:

Assignment 4

Nested if { Q1) Write a program to read 3 numbers & print them in ascending order.

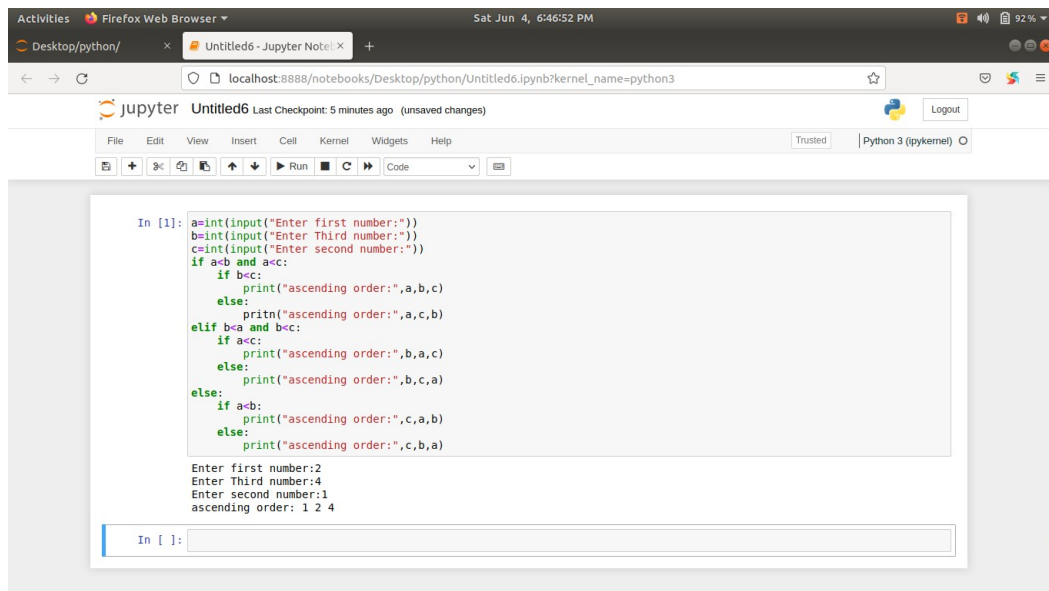
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Q2) Write a program to print whether a given character is an upper case / lower case character or a digit. If not then just print any other character



Q1:CODE:

```
a=int(input("Enter first number:"))
b=int(input("Enter Third number:"))
c=int(input("Enter second number:"))
if a<b and a<c:
    if b<c:
        print("ascending order:",a,b,c)
    else:
        printn("ascending order:",a,c,b)
elif b<a and b<c:
    if a<c:
        print("ascending order:",b,a,c)
    else:
        print("ascending order:",b,c,a)
else:
    if a<b:
        print("ascending order:",c,a,b)
    else:
        print("ascending order:",c,b,a)
```

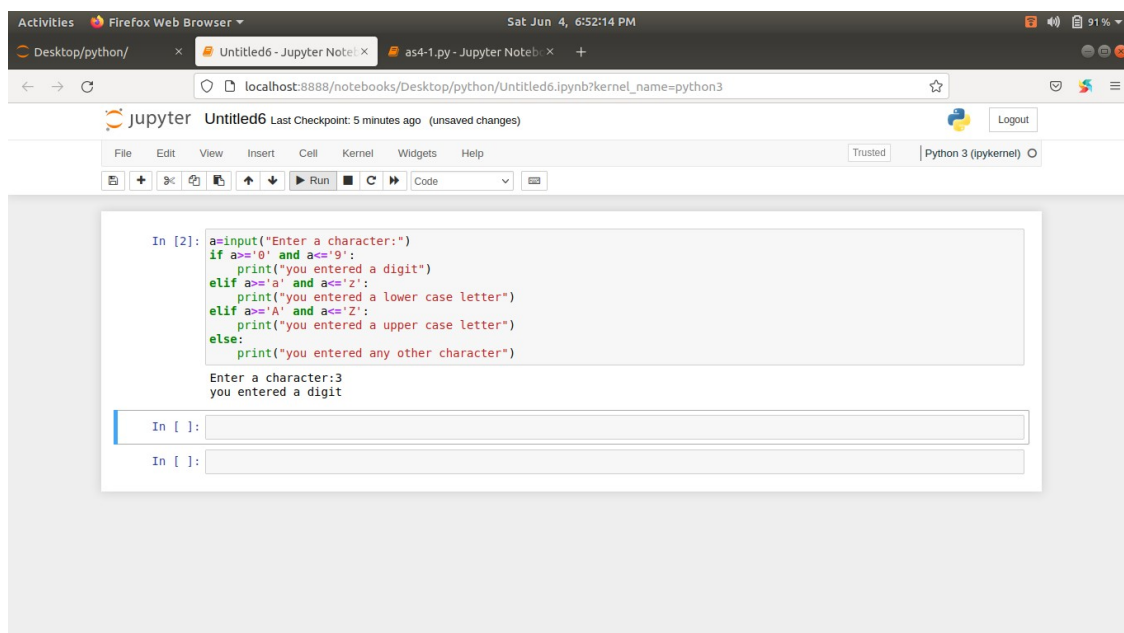


```
In [1]: a=int(input("Enter first number:"))
        b=int(input("Enter Third number:"))
        c=int(input("Enter second number:"))
        if a<b and a<c:
            print("ascending order:",a,b,c)
        else:
            print("ascending order:",a,c,b)
        elif b<a and b<c:
            if a<c:
                print("ascending order:",b,a,c)
            else:
                print("ascending order:",b,c,a)
        else:
            if a<b:
                print("ascending order:",c,a,b)
            else:
                print("ascending order:",c,b,a)

Enter first number:2
Enter Third number:4
Enter second number:1
ascending order: 1 2 4
```

Q2:CODE:

```
a=input("Enter a character:")
if a>='0' and a<='9':
    print("you entered a digit")
elif a>='a' and a<='z':
    print("you entered a lower case letter")
elif a>='A' and a<='Z':
    print("you entered a upper case letter")
else:
    print("you entered any other character")
```



```
In [2]: a=input("Enter a character:")
        if a>='0' and a<='9':
            print("you entered a digit")
        elif a>='a' and a<='z':
            print("you entered a lower case letter")
        elif a>='A' and a<='Z':
            print("you entered a upper case letter")
        else:
            print("you entered any other character")

Enter a character:3
you entered a digit
```