

NAME : BELDARI SAIKUMAR
TRAINER NAME : HARSHEE PITRODA
COURSE : PYTHON-AI-ML
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Q1

Assignment 1

Q1) Lets say you own a restaurant, take an input of the food item that the customers have ordered and then you have to generate their order token ID. The order token ID contains of a number, a few letters and all tokens end with a special character '#'

Steps to generate the order token id.

- 1) Find the length of the food item they ordered
- 2) extract only the first 3 characters of the food
- 3) All order token ID ends with a special character '#'

Sample Input & Output

Dear customer what food item would you like to order from our restaurant? Sandwich

The generated order token for you is: 8san# ← output

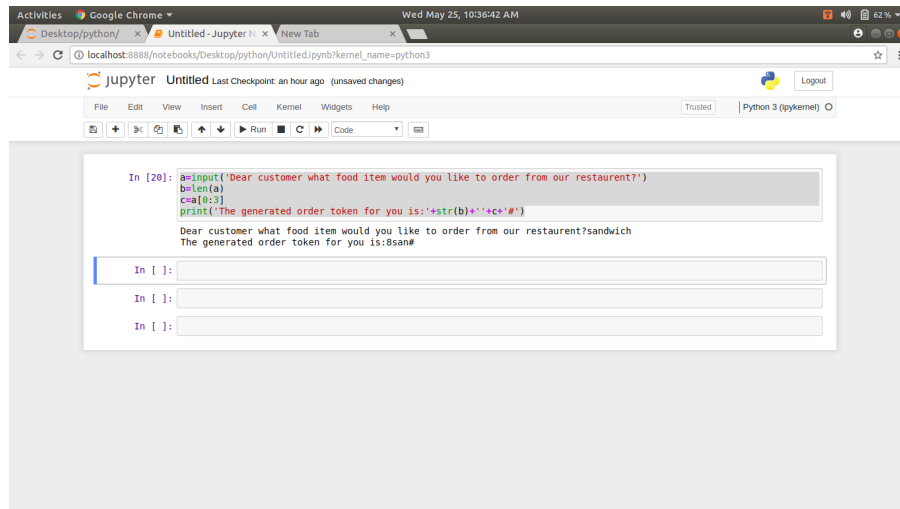
Q) What will be the token if the food item is

- 1) tea
- 2) coffee
- 3) chole bhature
- 4) any food item of your own

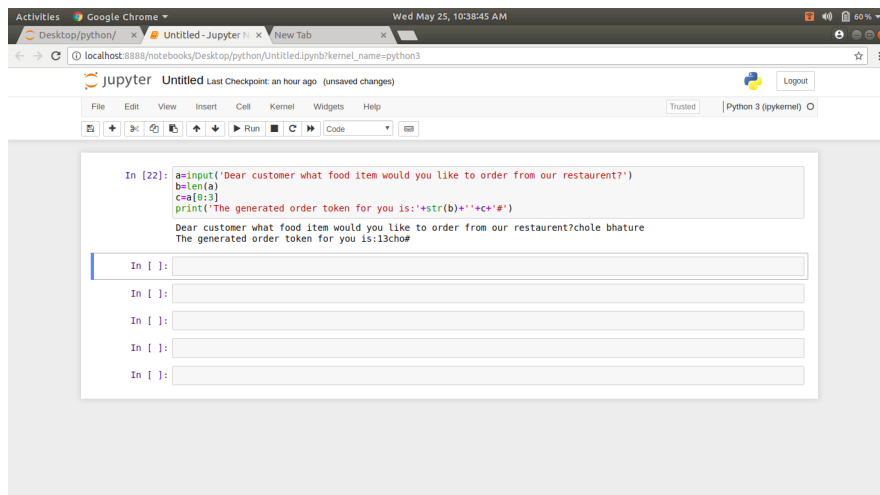
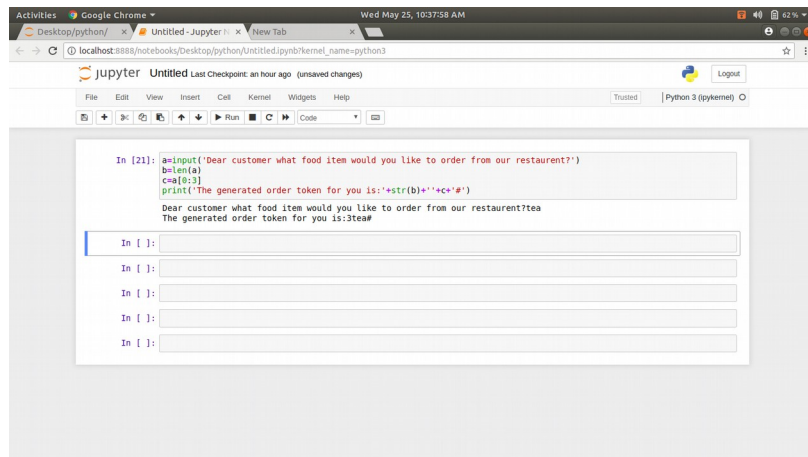
CODE:

```
a=input('Dear customer what food item would you like to order from our restaurent?')  
b=len(a)  
c=a[0:3]  
print('The generated order token for you is:'+str(b)+''+c+'#')
```

SAMPLE OUTPUT:



EXAMPLES:



```

In [23]: a=input('Dear customer what food item would you like to order from our restaurant?')
        b=len(a)
        c=a[b:3]
        print('The generated order token for you is:'+str(b)+''+c+'#')
Dear customer what food item would you like to order from our restaurant?coffee
The generated order token for you is:5cof#

In [ ]:
In [ ]:
In [ ]:
In [ ]:
In [ ]:

```

OWN EXAMPLE

```

In [24]: a=input('Dear customer what food item would you like to order from our restaurant?')
        b=len(a)
        c=a[b:3]
        print('The generated order token for you is:'+str(b)+''+c+'#')
Dear customer what food item would you like to order from our restaurant?EggDosa
The generated order token for you is:7Egg#

In [ ]:
In [ ]:
In [ ]:
In [ ]:
In [ ]:

```

Q2

Assignment 1

Q2) You work at XYZ college and its the 'admission season'! You are one of the IT support at the XYZ college. You need to generate admission token ID for them based on the following things-

- ① their first name
- ② their 10th standard percentage (only in numbers)
- ③ their marks in maths, science & english subjects
- ④ Start & end all token ID with XYZ twice.

To generate the token ID follow these steps

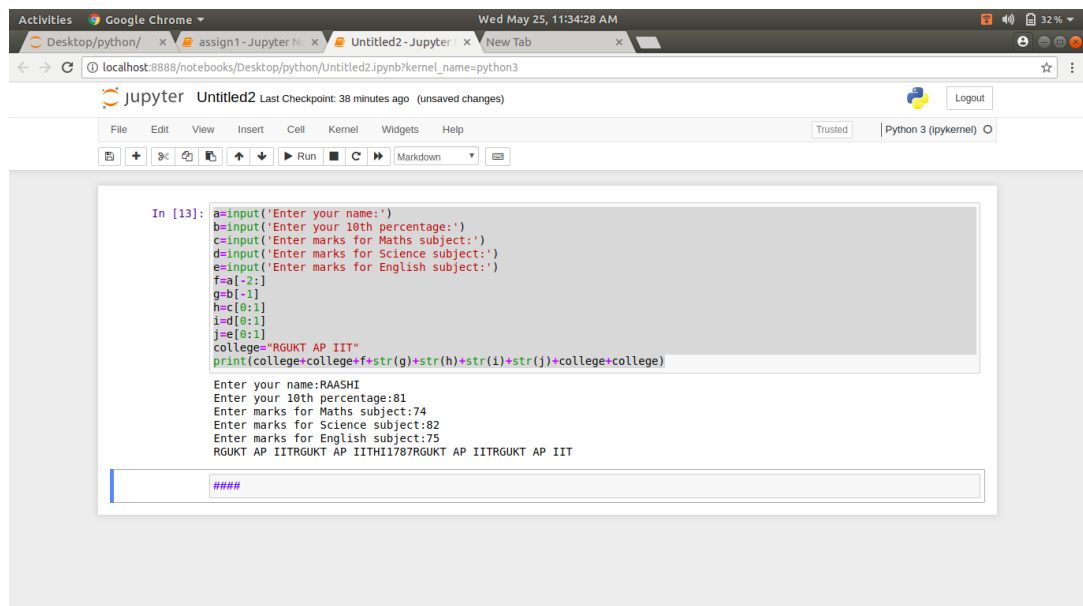
- ① take input of their name & extract last 2 characters of their first name
- ② take input of their 10th % & extract only the last digit
- ③ take input of their marks for maths, science & english subject & extract only the first digit
- ④ this ID should start & end with 'XYZ' twice

Enter your name: Rishi
 Enter your 10th Percentage: 81
 Enter marks for maths subject: 74
 Enter marks for science subject: 82
 Enter marks for english subject: 75
 Your token is: XYZXYZhi1787XYZXYZ

CODE:

```
a=input('Enter your name:')
b=input('Enter your 10th percentage:')
c=input('Enter marks for Maths subject:')
d=input('Enter marks for Science subject:')
e=input('Enter marks for English subject:')
f=a[-2:]
g=b[-1]
h=c[0:1]
i=d[0:1]
j=e[0:1]
college="RGUKT AP IIT"
print(college+college+f+str(g)+str(h)+str(i)+str(j)+college+college)
```

SAMPLE INPUT:



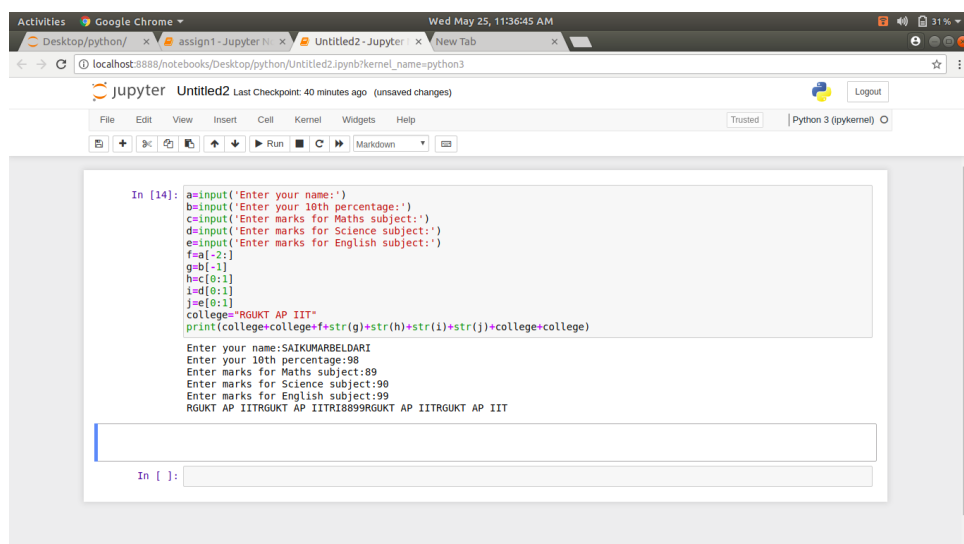
The screenshot shows a Jupyter Notebook interface in a Google Chrome browser. The notebook is titled 'Untitled2' and shows the execution of the code from the previous block. The input values are: name 'RAASHI', 10th percentage '81', Maths marks '74', Science marks '82', and English marks '75'. The output is 'RGUKT AP IITRGUKT AP IITH1787RGUKT AP IITRGUKT AP IIT'.

```
In [13]: a=input('Enter your name:')
b=input('Enter your 10th percentage:')
c=input('Enter marks for Maths subject:')
d=input('Enter marks for Science subject:')
e=input('Enter marks for English subject:')
f=a[-2:]
g=b[-1]
h=c[0:1]
i=d[0:1]
j=e[0:1]
college="RGUKT AP IIT"
print(college+college+f+str(g)+str(h)+str(i)+str(j)+college+college)

Enter your name:RAASHI
Enter your 10th percentage:81
Enter marks for Maths subject:74
Enter marks for Science subject:82
Enter marks for English subject:75
RGUKT AP IITRGUKT AP IITH1787RGUKT AP IITRGUKT AP IIT

####
```

OWN EXAMPLE:



The screenshot shows a Jupyter Notebook interface in a Google Chrome browser. The notebook is titled 'Untitled2' and shows the execution of the code from the previous block. The input values are: name 'SAIKUMARBELDARI', 10th percentage '98', Maths marks '89', Science marks '90', and English marks '99'. The output is 'RGUKT AP IITRGUKT AP IITRI8899RGUKT AP IITRGUKT AP IIT'.

```
In [14]: a=input('Enter your name:')
b=input('Enter your 10th percentage:')
c=input('Enter marks for Maths subject:')
d=input('Enter marks for Science subject:')
e=input('Enter marks for English subject:')
f=a[-2:]
g=b[-1]
h=c[0:1]
i=d[0:1]
j=e[0:1]
college="RGUKT AP IIT"
print(college+college+f+str(g)+str(h)+str(i)+str(j)+college+college)

Enter your name:SAIKUMARBELDARI
Enter your 10th percentage:98
Enter marks for Maths subject:89
Enter marks for Science subject:90
Enter marks for English subject:99
RGUKT AP IITRGUKT AP IITRI8899RGUKT AP IITRGUKT AP IIT

In [ ]:
```