ASSIGNMENT-1

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Course Name : AI,ML &Python
Date : MAY 25,2022

Q1)

Assignment 1

Q) 1) 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 'ﬀ'

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 'ﬀ'

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   ③ chole bhature
② coffee   ④ any food item of your own

CODE:

```python
a=str(input("Dear customer what food item would you like to order from our restaurant?"))
l=(str)(len(a))
token=l+a[0:3]+"#"
print("The generated order token for you is:{}".format(token))
```

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#
```

outputs for 4 questions:

```
1.Dear customer what food item would you like to order from our restaurant?tea

 The generated order token for you is:3tea#

2.Dear customer what food item would you like to order from our restaurant?chole
      bhature

  The generated order token for you is:13cho#

3.Dear customer what food item would you like to order from our restaurant?
      Coffee

  The generated order token for you is:6cof#

4.Dear customer what food item would you like to order from our restaurant?
      chapathi

The generated order token for you is:8cha#
```

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 math, science & english subject & extract only the first digit

④ this ID should start & end with 'XYZ' twice.

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
Your token is: XYZXYZ hi 1 787 XYZXYZ

CODE:

```python
name=str(input("Enter your name:"))
percent=int(input("Enter your 10th percentage:"))
maths=int(input("Enter marks for maths subject:"))
science=int(input("Enter marks for science subject:"))
English=int(input("Enter marks for english subject:"))
nl=len(name)
p=(str)(percent)
l=(len)(p)
m=(str)(maths)
s=(str)(science)
e=(str)(English)
token="XYZXYZ"+name[(nl-2):nl]+p[l-1:l]+m[0:1]+s[0:1]+e[0:1]+"XYZXYZ"
print("Your token is:{}".format(token))
```

SAMPLE INPUT/OUTPUT:

```
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
Your token is:XYZXYZhi1787XYZXYZ
```

OUTPUT FOR MY NAME:

```
Enter your name:susmitha
Enter your 10th percentage:100
Enter marks for maths subject:98
Enter marks for science subject:95
Enter marks for english subject:85
Your token is:XYZXYZha0998XYZXYZ
```