NEURAL NETWORKS ASSIGNMENT 2

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QUESTION-1

```
first_name= input("enter first name : ")
last_name= input("enter last name : ")

def full_name(first_name,last_name):
    return first_name +" "+last_name

def string_alternative(full_name):
    new_str = ""
    for index in range(0,len(full_name),2):
                    new_str+=full_name[index]
    return new_str


print("User full name : ",full_name(first_name,last_name))

print("Alternate String : ",string_alternative(full_name(first_name,last_name)))
```

```
enter first name : AKHIL
enter last name : CHITTIPOTHULA
User full name :  AKHIL CHITTIPOTHULA
Alternate String :  AHLCITPTUA
```

QUESTION-2

```
In [ ]: # question - 2
Input_file = open("Input.txt", "r")
output_file = open("output.txt", "w")

content = {}
for line in Input_file:
    output_file.write(line)
    new_l = line.split()
    for x in new_l:
        if(content.get(x)==None):
            content[x]=1
        else:
            content[x] = content[x] + 1

output_file.write(" Word_Count : ")
for key, value in content.items():
        output_file.write('%s:%s\n' % (key, value))
Input_file.close()
output_file.close()
```

QUESTION-3

```python
# question - 3
data = input("enter customer heights : ")

def inchToCent(value):
    return value*2.54

heights = data.split()

new_list = []

for x in heights:
    value = int(x)
    new_list.append(inchToCent(value))

print("show list : ",new_list)
```

```
enter customer heights : 5
show list :  [12.7]
```

Video link: https://drive.google.com/file/d/1yAAlEj-N27QtorzxKI2wHTuZ9f1wOJPs/view?usp=sharing