NEURAL NETWORK DEEP LEARNING

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Github link: https://github.com/Goutham-1012/ICP-2

Video link: https://drive.google.com/file/d/1tMqq1tbC7N6jzGOJY3-

7oSENCbkji028/view?usp=sharing

Program Screenshots:

Program1:

```
[] #Task-1 Part-1

def fullname(first_name, last_name):
    return f'(first_name, last_name):
    return f'(first_name) (last_name):

first_name = input("Enter your first name: ")

last_name = input("Enter your last name: ")

full_name = fullname(first_name, last_name)

print("full name:", full_name)

Enter your first name: Goutham Reddy

Enter your last name: Goutham Reddy Gounnia
```

```
[] #Task-1 Part-2

def string_alternative(string):
    return string[::2]

def main():
    full_name - fullname(first_name, last_name)
    print("full name:", full_name)
    print("String alternative:", string_alternative(full_name))

if __name__ -- "_main__":
    main()

$\frac{T}{2}$ Full name: Goutham Reddy Gunnala
    String alternative: GulmEddoGname
```

Program2:

Program 3:

```
[] #Task-3 Part-1

def inches_to_cm_nested(heights_in_inches):
    heights_in_cm = []
    for height in heights_in_inches:
     heights_in_cm_spend(height * 2.54)
    return heights_in_cm

def main_nested():
    heights = []
    n = int(input("Inter the number of heights: "))
    for in range():
        height = float(input("Enter height (it] in inches: "))
        heights.an_cm = inches_to_cm_nested(heights)
        print("Heights in cm (nested loops):", heights_in_cm)

main_nested()

### Enter the number of heights: 4
    Enter height 1 in inches: 122
    Enter height 2 in Inches: 123
    Fore height 2 in Inches: 124
    Fore height 3 in cm (nested loops): 309.88, 312.42, 3134.36, 58.42]

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