

Experiment no – 01 (A)

Aim: Write the program for the following: (by using control statements and control structure)

(A). Create a program that asks the user to enter their name and their age. Print out a message addressed to them that tells them the year that they will turn 100 years old.

Theory: -

Practical Implementation:-

Code:-

```
# Create a program that asks the user to enter their name and their age. Print out a message addressed to them
that tells them the year that they will turn 100 years old.

import datetime

name = input("Hello! Please enter your name: ")

print("Hello " + name)

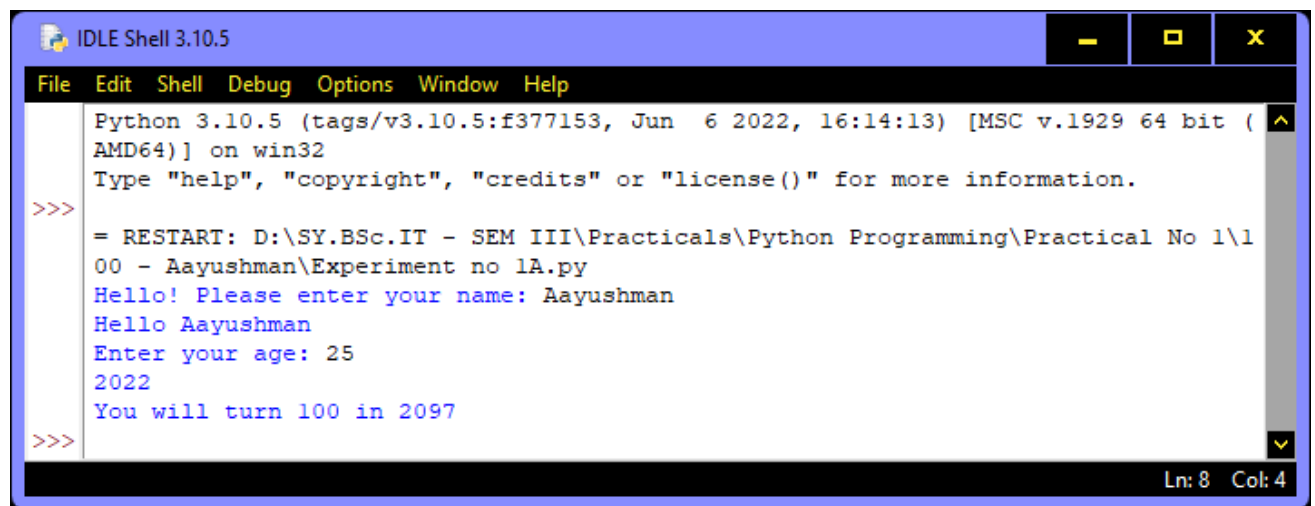
age = int(input("Enter your age: "))

year_now = datetime.datetime.now()

# print(year_now.year)

print("You will turn 100 in " + str(int(100-age) + int(year_now.year)))
```

Output:



```
IDLE Shell 3.10.5
File Edit Shell Debug Options Window Help
Python 3.10.5 (tags/v3.10.5:f377153, Jun 6 2022, 16:14:13) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> = RESTART: D:\SY.BSc.IT - SEM III\Practicals\Python Programming\Practical No 1\1
00 - Aayushman\Experiment no 1A.py
Hello! Please enter your name: Aayushman
Hello Aayushman
Enter your age: 25
2022
You will turn 100 in 2097
>>>
```

Conclusion: The entered string were identified as NFA or not based of the provided state diagram.