

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)
```

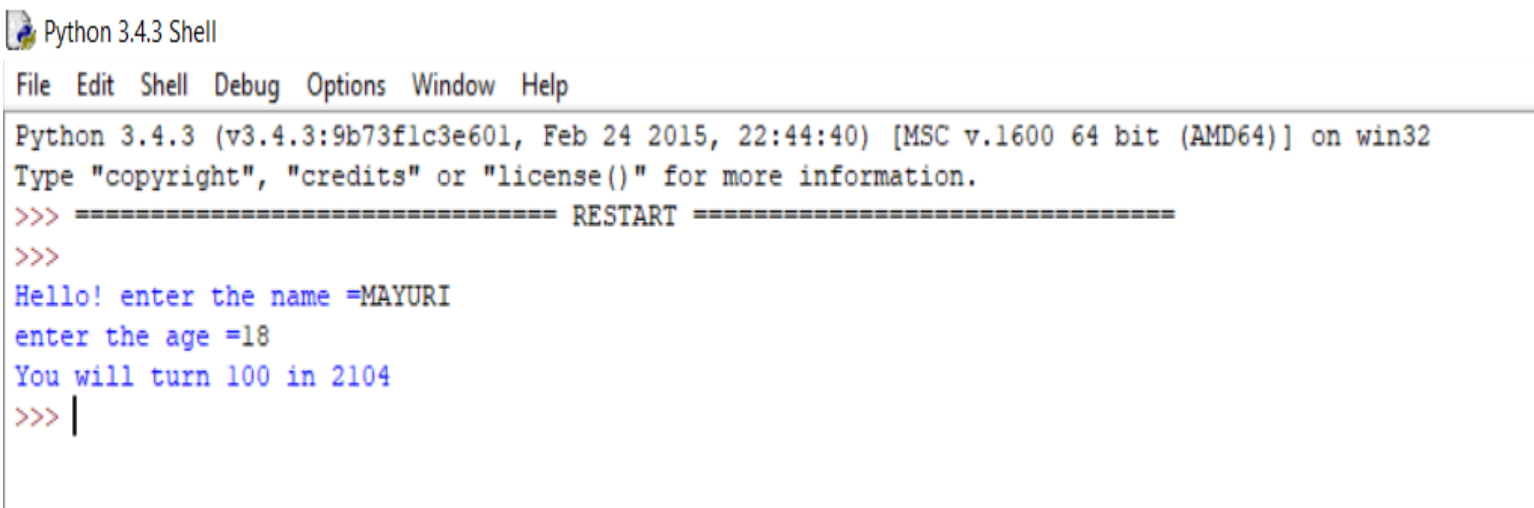
```
age = int(input("Enter your age: "))
```

```
year_now = datetime.datetime.now()
```

```
# print(year_now.year)
```

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

OUTPUT:



```
Python 3.4.3 Shell
File Edit Shell Debug Options Window Help
Python 3.4.3 (v3.4.3:9b73f1c3e601, Feb 24 2015, 22:44:40) [MSC v.1600 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ===== RESTART =====
>>>
Hello! enter the name =MAYURI
enter the age =18
You will turn 100 in 2104
>>> |
```

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