

Practice_Questions

1. Take a user input name and display the reverse.

Input:

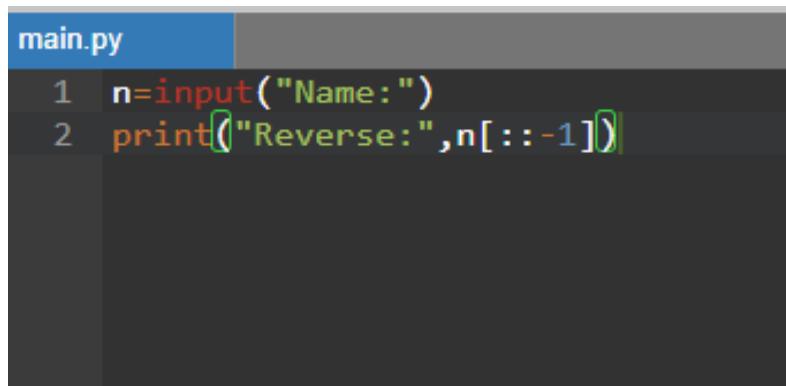
Name:"janu"

Output:

reverse: unaj

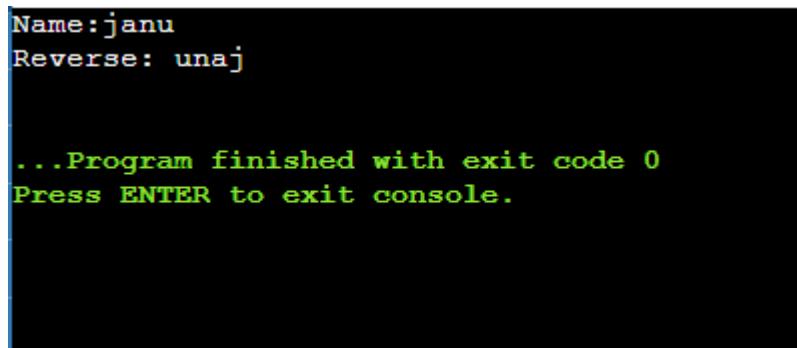
code:

```
n=input("Name:")  
print("Reverse:",n[::-1])
```



```
main.py  
1 n=input("Name:")  
2 print("Reverse:",n[::-1])
```

Output:



```
Name:janu  
Reverse: unaj  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

2. Take a string and print it in uppercase and lowercase in a single line.

Input:

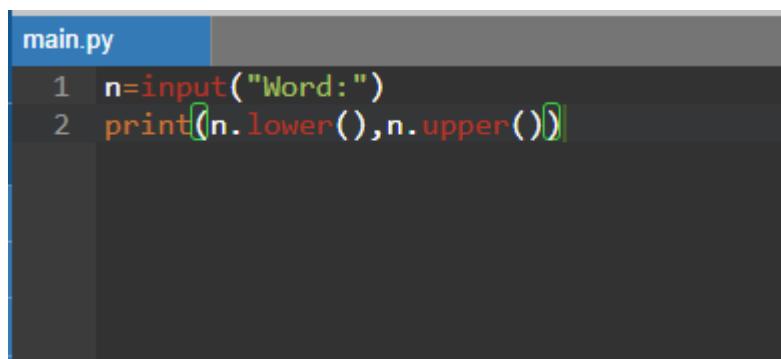
word:upper

Output:

upper UPPER

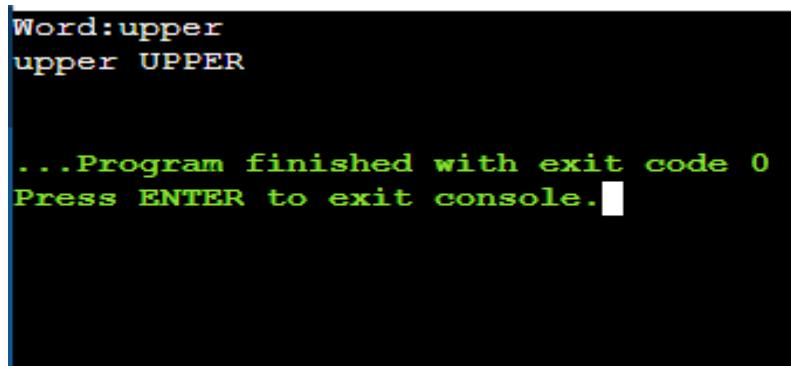
Code:

```
n=input("Word:")  
print(n.lower(),n.upper())
```



```
main.py  
1 n=input("Word:")  
2 print(n.lower(),n.upper())
```

Output:



```
Word:upper  
upper UPPER  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

3.Take a name and an age input, and print a formatted string.

1. Using f-string
2. Format method
3. Data type format %s,%d

Input:

name:roja

age:16

Output:

my name roja,age 16

Code:

```
n=input("Name:")  
a=int(input("Age:"))  
print(f"My Name {n},age {a}")  
print("My Name {},age {}".format(n,a))  
print("My name %s,age %d"%(n,a))
```

The screenshot shows a code editor window titled "main.py". The code inside the file is as follows:

```
1 n=input("Name:")  
2 a=int(input("Age:"))  
3 print(f"My Name {n},age {a}")  
4 print("My Name {},age {}".format(n,a))  
5 print("My name %s,age %d"%(n,a))
```

Output:

The screenshot shows a terminal window displaying the output of the Python program. The user inputs "Name:roja" and "Age:16". The program then prints three different formatted strings:

```
Name:roja  
Age:16  
My Name roja,age 16  
My Name roja,age 16  
My name roja,age 16  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

4.Take user input

Input:

everyTHING IS ALready PlAnnED

Output:

EVERYthing is alREADY pLaNNed

Code:

```
n=input()
```

```
n=n.swapcase()
```

```
print(n)
```

```
main.py
1 n=input()
2 n=n.swapcase()
3 print(n)
4
```

Output:

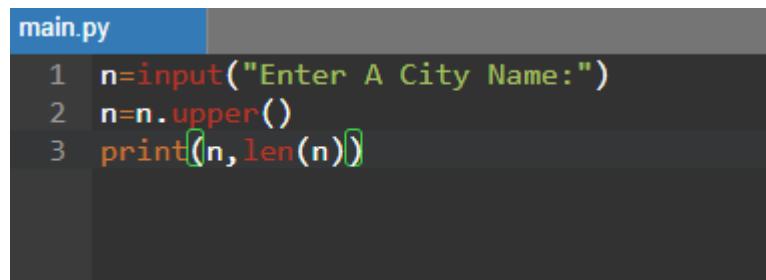
```
everyTHING IS ALready PlannED
EVERYthing is alREADY pLANNed

...Program finished with exit code 0
Press ENTER to exit console.[]
```

5.Ask the user to enter a city name. Print the city name in capital letters and also show how many letters are in that city.

Code:

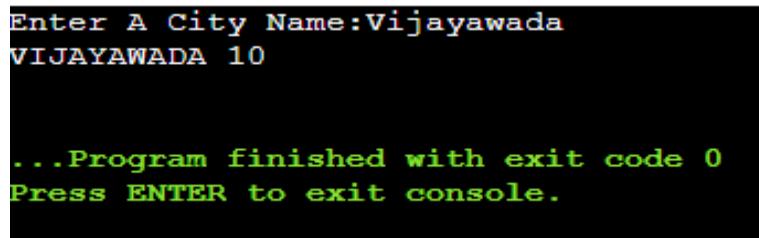
```
n=input("Enter A City Name:")  
n=n.upper()  
print(n,len(n))
```



The image shows a code editor window with a dark theme. The title bar says "main.py". The code area contains three lines of Python code:

```
1 n=input("Enter A City Name:")  
2 n=n.upper()  
3 print(n,len(n))
```

Output:



The image shows a terminal window with a black background and white text. It displays the following interaction:

```
Enter A City Name:Vijayawada  
VIJAYAWADA 10  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

6.

input:

letter:A

Output:

65

Code:

```
n=input("Letter:")  
print(ord(n))
```

```
main.py  
1 n=input("Letter:")  
2 print(ord(n))
```

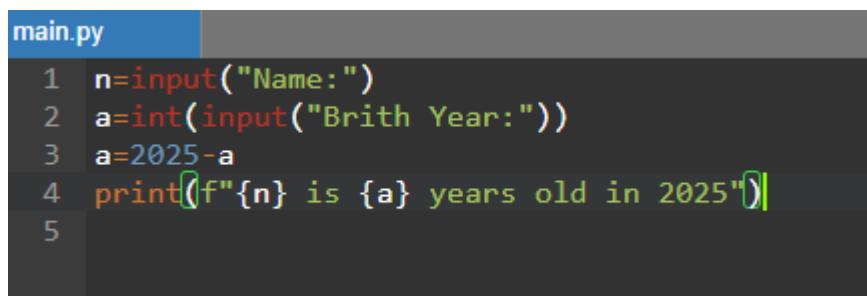
Output:

```
Letter:A  
65  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

7.Take the user's name and birth year. Without using if, print how old they are in 2025.

Code:

```
n=input("Name:")
a=int(input("Brith Year:"))
a=2025-a
print(f'{n} is {a} years old in 2025')
```



The screenshot shows a code editor window with a dark theme. The title bar says "main.py". The code area contains five numbered lines of Python code. Line 1: n=input("Name:"). Line 2: a=int(input("Brith Year:")). Line 3: a=2025-a. Line 4: print(f'{n} is {a} years old in 2025'). Line 5: An empty line. The code uses f-strings for printing the result.

```
main.py
1 n=input("Name:")
2 a=int(input("Brith Year:"))
3 a=2025-a
4 print(f'{n} is {a} years old in 2025')
5
```

Output:

```
Name:Abdul
Brith Year:2003
Abdul  is 22 years old in 2025

...Program finished with exit code 0
Press ENTER to exit console.
```

8.Ask user to enter a number and a word. Multiply the word by that number and print it

Input:

enter a number:3

enter name:shh

Output:

Shhshhshh

Code:

```
a=int(input("Enter A Number:"))
n=input("Enter A Name:")
print(n*3)
```

The screenshot shows a code editor window with a dark theme. The title bar says "main.py". The code area contains three lines of Python code:

```
1 a=int(input("Enter A Number:"))
2 n=input("Enter A Name:")
3 print(n*3)
```

Output:

The screenshot shows a terminal window with a black background and white text. It displays the following interaction:

```
Enter A Number:3
Enter A Name:shh
shhshhshh

...Program finished with exit code 0
Press ENTER to exit console.
```

9. Take the input from user:

output:

enter your details:

name:mayya

age:23

graduation:completed

year:2025

Code:

```
print("Enter Your Details:")
n=input("Name:")
a=input("Age:")
g=input("Gradution:(completed | not completed):")
y=input("Year:")
print(".....Details.....")
print("Name:",n)
print("Age:",a)
print("Gradution:",g)
print("Year:",y)
```

```
main.py
1 print("Enter Your Details:")
2 n=input("Name:")
3 a=input("Age:")
4 g=input("Gradution:(completed | not completed):")
5 y=input("Year:")
6 print(".....Details.....")
7 print("Name:",n)
8 print("Age:",a)
9 print("Gradution:",g)
10 print("Year:",y)
```

Output:

```
Enter Your Details:  
Name:Abdul  
Age:22  
Gradution: (completed | not completed):completed  
Year:2025  
.....Details.....  
Name: Abdul  
Age: 22  
Gradution: completed  
Year: 2025  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

10.A user enters a word. print True if the first and last characters are the same, otherwise False.

Input:

enter a word:malayalam

Output:

True

Code:

```
n=input("Enter A Word:")  
print(n[0]==n[-1])
```

```
main.py  
1 n=input("Enter A Word:")  
2 print(n[0]==n[-1])
```

Output:

```
Enter A Word:malayalam  
True  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```