

Practice_Questions

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

Input:

Name:"janu"

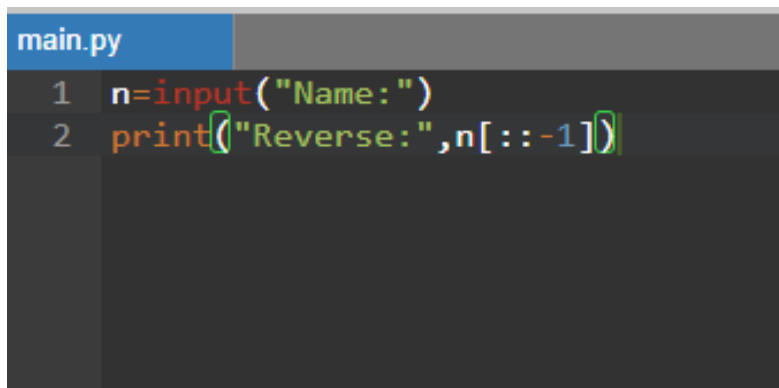
Output:

reverse: unaj

code:

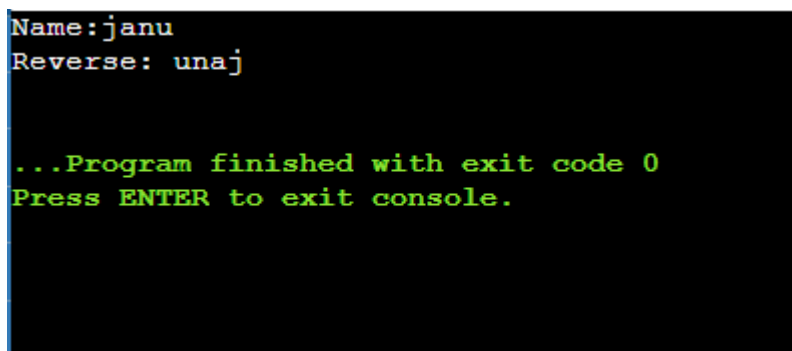
```
n=input("Name:")
```

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

A screenshot of a code editor window titled 'main.py'. The editor has a dark background with light-colored text. The code consists of two lines: line 1 is 'n=input("Name:")' and line 2 is 'print("Reverse:",n[::-1])'. The text is color-coded: 'n' is blue, 'input' is red, 'print' is red, and the string literals are in quotes. The line numbers '1' and '2' are in the left margin.

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

Output:

A screenshot of a terminal window with a black background and green text. It shows the input 'janu' and the output 'Reverse: unaj'. At the bottom, it says '...Program finished with exit code 0' and 'Press ENTER to exit console.'.

```
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

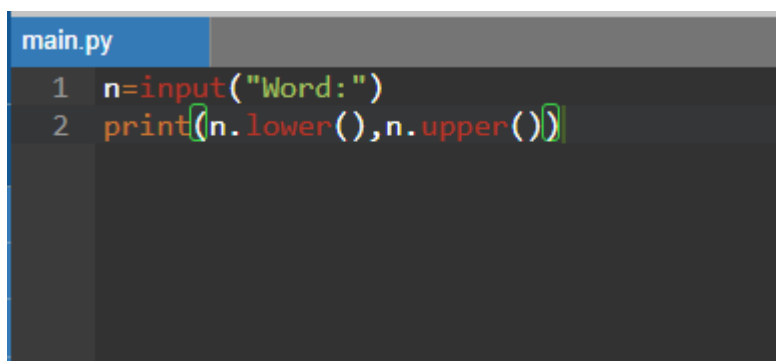
Output:

upper UPPER

Code:

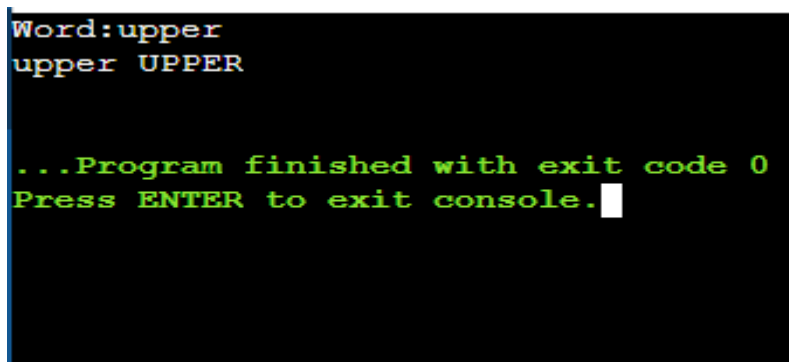
```
n=input("Word:")
```

```
print(n.lower(),n.upper())
```

A screenshot of a code editor window titled 'main.py'. The editor has a dark background with light-colored text. The code consists of two lines: line 1 is 'n=input("Word:")' and line 2 is 'print(n.lower(),n.upper())'. The code is color-coded: 'n' is blue, 'input' is red, 'n.lower()' is green, and 'n.upper()' is red. The cursor is at the end of line 2.

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

Output:

A screenshot of a terminal window with a black background and green text. The first two lines of output are 'Word:upper' and 'upper UPPER'. Below these, there is a message: '...Program finished with exit code 0' followed by 'Press ENTER to exit console.' and a white cursor block.

```
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

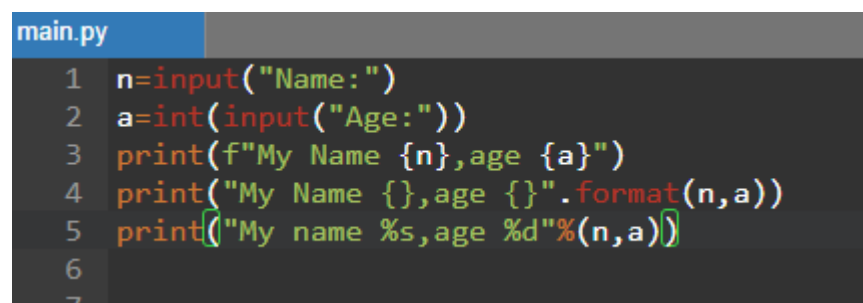
age:16

Output:

my name roja,age 16

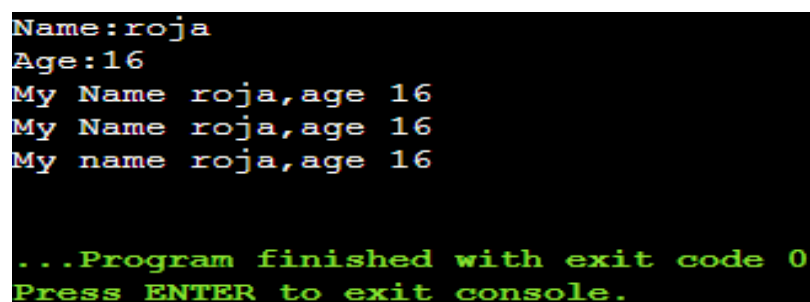
Code:

```
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))
```

A screenshot of a code editor with a dark background. The file name 'main.py' is visible in the top left corner. The code 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))
6
7
```

Output:

A screenshot of a terminal window showing the output of the program. The input 'roja' is entered for the name and '16' for the age. The program then prints three lines: 'My Name roja,age 16', 'My Name roja,age 16', and 'My name roja,age 16'. At the bottom, it shows '...Program finished with exit code 0' and 'Press ENTER to exit console.'

```
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:

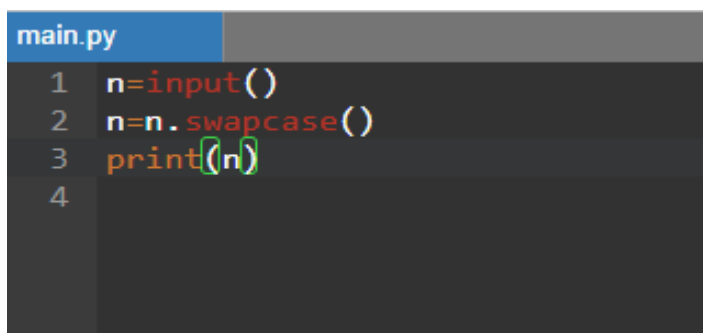
EVERYthing is alREADY pLaNNed

Code:

```
n=input()
```

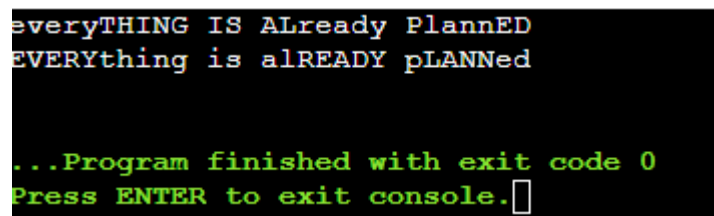
```
n=n.swapcase()
```

```
print(n)
```

A screenshot of a code editor window titled 'main.py'. The editor has a dark background with light-colored text. The code is as follows:

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

Output:

A screenshot of a terminal window with a black background and green text. It shows the output of the program and its completion:

```
everyTHING IS ALready PLAnnED
EVERYthing is alREADY pLaNNed

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

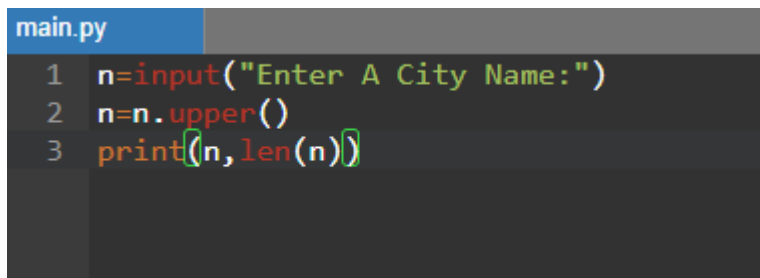
5. Ask the user to enter a city name. Print the city name in capital letters and also show how many letters are in that city.

Code:

```
n=input("Enter A City Name:")
```

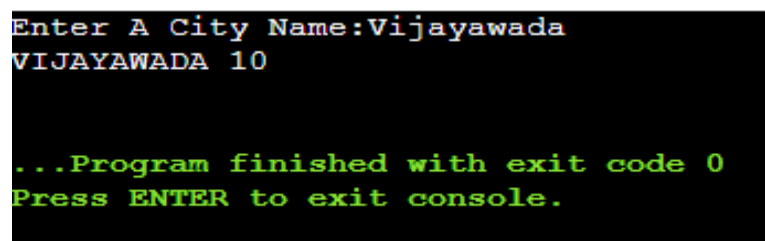
```
n=n.upper()
```

```
print(n,len(n))
```

A screenshot of a code editor window titled 'main.py'. The editor has a dark background with light-colored text. The code is as follows:

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

Output:

A screenshot of a terminal window with a black background and green text. The output of the program is shown as follows:

```
Enter A City Name:Vijayawada
VIJAYAWADA 10

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

6.

input:

letter:A

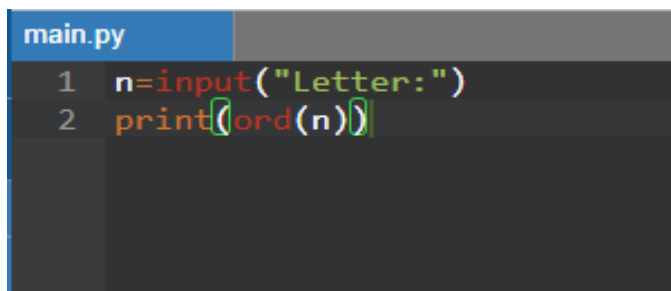
Output:

65

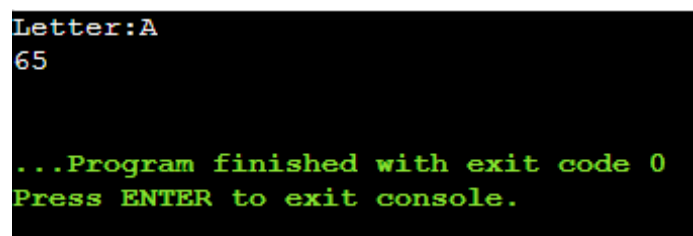
Code:

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

```
print(ord(n))
```

A screenshot of a code editor window titled 'main.py'. The editor has a dark background with light-colored text. The code consists of two lines: line 1 is 'n=input("Letter:")' and line 2 is 'print(ord(n))'. The text is color-coded: 'n' is blue, 'input' is red, 'ord' is green, and 'print' is red. The line numbers '1' and '2' are in the left margin.

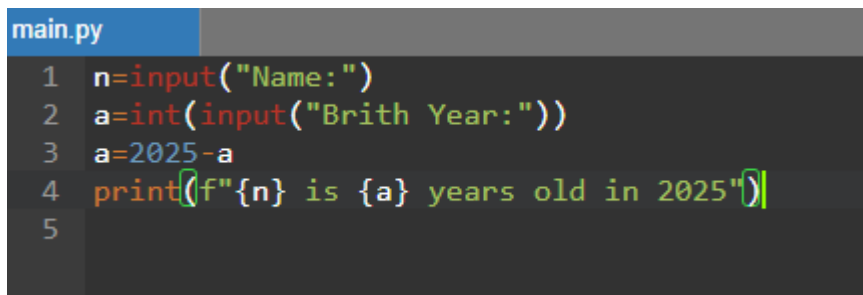
Output:

A screenshot of a terminal window with a black background and white text. The first line is 'Letter:A', which is the input provided to the program. The second line is '65', which is the output of the program. At the bottom of the terminal, there is a green text message that reads: '...Program finished with exit code 0' followed by 'Press ENTER to exit console.' on the next line.

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

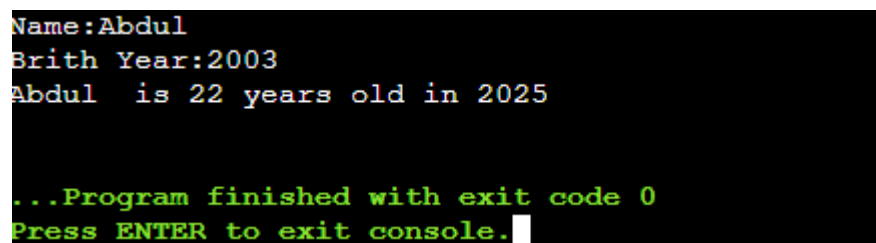
Code:

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

A screenshot of a code editor with a dark background. The file name 'main.py' is visible in the top left corner. The code is as follows:

```
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:

A screenshot of a terminal window with a black background. The output of the program is as follows:

```
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:

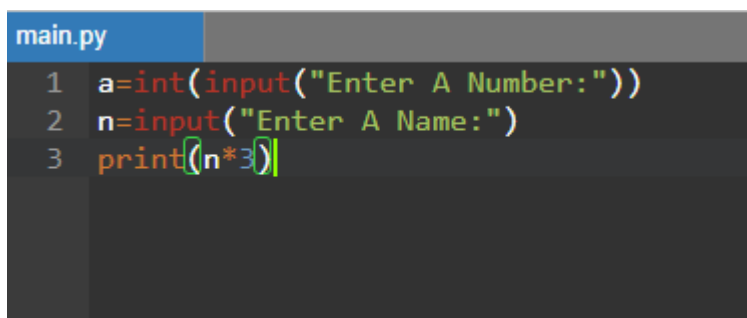
Shhshhshh

Code:

```
a=int(input("Enter A Number:"))
```

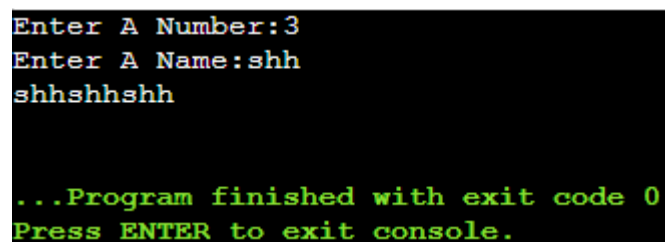
```
n=input("Enter A Name:")
```

```
print(n*3)
```

A screenshot of a code editor with a dark background. The file name 'main.py' is visible in the top left corner. The code is as follows:

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

Output:

A screenshot of a terminal window with a black background. The output of the program is shown in green text:

```
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

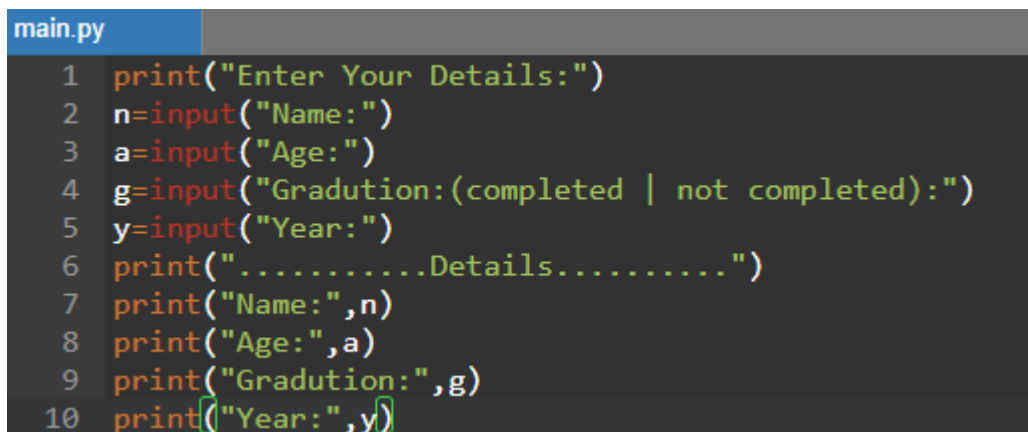
age:23

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)
```



The screenshot shows a code editor with a file named 'main.py'. The code is as follows:

```
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

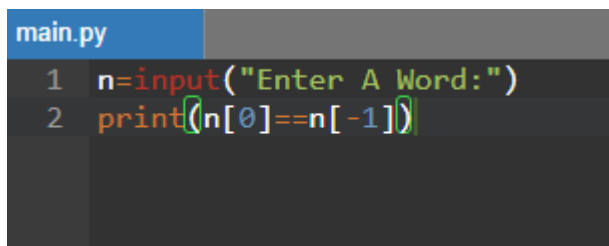
Output:

True

Code:

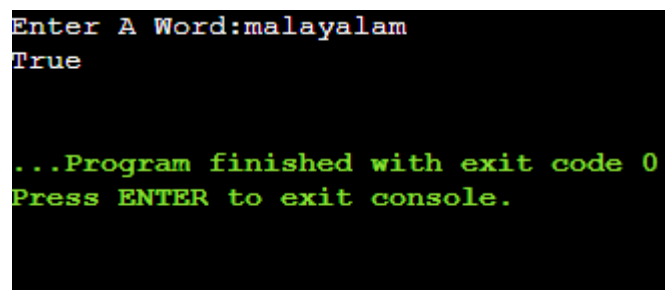
n=input("Enter A Word:")

print(n[0]==n[-1])

A screenshot of a code editor window titled 'main.py'. It contains two lines of Python code: line 1 is 'n=input("Enter A Word:")' and line 2 is 'print(n[0]==n[-1])'. The code is color-coded with syntax highlighting.

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

Output:

A screenshot of a terminal window. It shows the input 'Enter A Word:malayalam' and the output 'True'. At the bottom, it says '...Program finished with exit code 0' and 'Press ENTER to exit console.'.

```
Enter A Word:malayalam
True

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