

**Write a program to take 2 input from users , weight and height and print the BMI**

```
In [93]: weight = float(input("Enter your weight in Kg - "))
height = float(input("Enter your height in meters - "))
BMI = round(weight/(height**2),2)
print(BMI)
```

```
Enter your weight in Kg - 85
Enter your height in meters - 1.8
26.23
```

**write a program which takes the name of the user as input and replace all the occurrence of character 'a' in the name to 'b' and print it.**

```
In [57]: input_name = input("Enter your name - ")
output = input_name.replace('a','b')
print(output)
```

```
Enter your name - teastasareateare
tebstbsbrebtebre
```

**write a program which takes 2 inputs from user as principle amount (int) and rate of annual interest (float) and print the expected total amount after 2 years.**

```
In [66]: principle = int(input("Enter the principle amount - "))
roi = float(input("Enter the rate of interest - "))
total_amount = principle + ((principle*roi*2)/100)
print(total_amount)
```

```
Enter the principle amount - 10000
Enter the rate of interest - 10
12000.0
```

**write a program which takes city name from user input. irrespective of in which case user enters the city name, print the city name in camel case meaning first letter should be capital and rest in small.**

```
In [73]: city_name = input("Enter the city name - ")
camel_case = city_name[0].upper()+city_name[1:]
print(camel_case)
another_method = city_name.capitalize()
print(another_method)
```

```
Enter the city name - delhi
Delhi
Delhi
```

**write a program which takes the name of the user as input and print the index of character 'a' in the string. if 'a' is not there then return -1.**

```
In [92]: input_name = input("enter your name ")
         input_name.find('a')

enter your name devanshu
3
Out[92]:
```

Display the number of letters in the below string

**my\_word = "antidisestablishmentarianism"**

```
In [91]: my_word = "antidisestablishmentarianism"
         print(len(my_word))

28
```

Take 3 inputs from user : first name , last name and age . Display the information in below format

example

first name : Mohit

last name : sharma

age 32

Display : my name is Mohit Sharma and I am 32 years old.

```
In [85]: first_name = input("Enter your first name ")
         last_name = input("Enter your last name ")
         age = input("Enter your age ")
         print('my name is ' + first_name.capitalize() + ' ' + last_name.capitalize() + ' and I am ' + age + ' years old')
         print('my name is {} {} and I am {} years old'.format(first_name.capitalize(),last_name.capitalize(),age))
         print(f'my name is {first_name.capitalize()} {last_name.capitalize()} and I am {age} years old')

Enter your first name mohit
Enter your last name sharma
Enter your age 32
my name is Mohit Sharma and I am 32 years old
my name is Mohit Sharma and I am 32 years old
my name is Mohit Sharma and I am 32 years old
```

Take 3 inputs from user : first name , last name and company name. create the email alias for the user and display it. Email alias is first 2 letters of first name , last 3 letters of last name and @company.com

example

first name : MOhit

last name : sharma

company : infosys

Display : morma@infosys.com

note full email id should -be in lower case

```
In [87]: first_name = input("Enter your first name ")
last_name = input("Enter your last name ")
company = input("Enter your company name")
email_id = first_name[0:2].lower() + last_name[-3:].lower() + '@' + company.lower()
print(email_id)
```

```
Enter your first name mohit
Enter your last name sharma
Enter your company nameinfosys
morma@infosys
```

```
In [ ]:
```