1. Create a variable x and assign it the value 5. Print the value of x.

In [1]:
```
x=5
```

In [2]:
```
print("the x value is ",x)
```

```
the x value is  5
```

2. Create two variables a and b, and assign them values 3 and 2 respectively. Add a and b together and print theresult.

In [3]:
```
a,b = 3,2
```

In [6]:
```
print ("a & b add value is: ",a,"+",b,"=",a+b)
```

```
a & b add value is:  3 + 2 = 5
```

3. Create a variable pi and assign it the value 3.14159. Print the value of pi.

In [16]:
```
pi = 3.14159
```

In [17]:
```
print ("the value of pi is: ",pi)
```

```
the value of pi is:  3.14159
```

4. Create a variable radius and assign it the value 5. Calculate the area of a circle with radius radius using theformula pi * radius ** 2 and print the result.

In [18]:
```
radius = 5
```

aoc = Area of a Circle

In [19]:
```
aoc = pi*radius**2
```

In [20]:
```
print("Area of a circle is:",aoc)
```

```
Area of a circle is: 78.53975
```

5. Create a variable name and assign it your name as a string. Print a greeting using your name, such as "Hello,[name]!"

In [19]:
```
name = input()
print ("Hello,",name,"!")
```

```
Raamshiby
Hello, Raamshiby !
```

6. Create a variable age and assign it your age as an integer. Print a sentence that includes your age, such as "I am[age] years old."

In [21]:
```
age  = int(input())
print ("I am",age,"years old")
```

```
34
I am 34 years old
```

7. Create a variable height and assign it your height in meters as a float. Print a sentence that includes yourheight, such as "I am [height] meters tall."

In [7]:
```
height = float(input("Enter the height: ",))
print ("I am",height,"meter tall.")
```

```
Enter the height: 1.75
I am 1.75 meter tall.
```

8. Create a variable sentence and assign it a sentence as a string. Print the first letter of the sentence.

In [8]:
```
sentence = input()
print ("this sentence first letter is :",sentence[0])
```

```
Hello world
this sentence first letter is : H
```

9. Create a variable sentence and assign it a sentence as a string. Print the last letter of the sentence.

In [10]:
```
sentence = input()
print ("this sentence last letter is :",sentence[-1])
```

```
Hello world
this sentence last letter is : d
```

10. Create a variable sentence and assign it a sentence as a string. Print the length of the sentence.

In [13]:
```
sentence = input()
print ("this sentence length is :",(len(sentence)))
```

```
Hello world
this sentence length is : 11
```

In [ ]:
```

```