In [41]:

```python
#to display ascii value
x="a"
y=ord(x)
print(y)
```

97

In [6]:

```python
#to concatenate strings
x="python "
y="is "
z="awesome"
print(x+y+z)
```

python is awesome

In [10]:

```python
#convert string to upper case
x="python is awesome"
print(x.upper())
```

PYTHON IS AWESOME

In [28]:

```python
#count occurrences of a character in a string
x=str(input("enter a string:"))
y=str(input("enter character:"))
z=x.lower()
r = 0
for i in range(len(z)):
    if (z[i] == y):
        r = r + 1
print("occurrences of a character in string:",r)
```

enter a string:I like ice cream
enter character:i
occurrences of a character in string: 3

In [30]:

```python
#count occurrences of a character in a string
x=str(input("enter a string:"))
y=str(input("enter character:"))
z=x.lower()
v=z.count(y)
print(v)
```

enter a string:I like ice cream
enter character:i
3

In [45]:

```python
#count vowels in a string
x=str(input("enter a string:"))
v=0
y=x.lower()
for i in y:
    if (i=="a" or i=="e" or i=="o" or i=="i" or i=="u"):
        v=v+1
print("no of vowels",v)
```

enter a string:I am a teacher
no of vowels 6

In [44]:

```python
#count words in a string
x=str(input("enter a string:"))
w=1
for i in x:
    if i==" " or i=="\n" or i=="\t":
        w=w+1
print("no of words in string are:",w)
```

enter a string:count words in a string
no of words in string are: 5

In [36]:

```python
#replace character in a string
x=str(input("enter a string:"))
y=str(input("enter character:"))
z=str(input("enter replacing character:"))
print(x.replace(y,z))
```

```
enter a string:i am happy
enter character:p
enter replacing character:n
i am hanny
```

In [37]:

```python
#toggle case of characters in a string
x=str(input("enter a string:"))
y=x.swapcase()
print(y)
```

```
enter a string:pYthOn is AwesoMe
PyTHoN IS aWESOmE
```

In [40]:

```python
#find first and last occurrence of a character
x=str(input("enter a string:"))
y=str(input("enter character:"))
z=x.lower()
print("first occurence:",z.find(y))
print("last occurence:",z.rfind(y))
```

```
enter a string:I like ice cream
enter character:i
first occurence: 0
last occurence: 7
```

In [52]:

```python
#find first and last occurrence of a character
x=str(input("enter a string:"))
y=str(input("enter character:"))
z=x.lower()
print("first occurence:",z.find(y.lower()))
print("last occurence:",z.rfind(y.lower()))
```

```
enter a string:I like ice cream
enter character:I
first occurence: 0
last occurence: 7
```

In [49]:

```python
#check is a string is a palindrom
x=str(input("enter a string:"))
y=x[::-1]
if x == y:
    print("given string is palindrom")
```

```
enter a string:malayalam
given string is palindrom
```

In [ ]: