



## ATHARVA COLLEGE OF ENGINEERING

Department of Information Technology

Academic Year: 2018-2019

```
a="Atharva College of Engineering"
b="Hello"
c="World"
print("The first character of string a is",a[0])
print("The last character of string a is",a[-1])
print("The characters between 3rd and 14th position of string a is",a[2:13])
print("The characters between 5th and 2nd last position is",a[4:-1])
print("The characters after 8th position are",a[8:])
print("The characters before 18th position is",a[:17])
print("The length of string b is",len(b))
print("The upper case conversion of string a is",a.upper())
print("The lower case conversion of string c is",a.lower())
print("The number of e's in string a is",a.count("e"))
print("String a after sorting becomes",sorted(a))
print("The string b and c is concatenated as",b+c)
print("After replacing 'e' with 'o' the string becomes",a.replace("e","o"))
print("The string a 3 three times gives",a*3)
```

### OUTPUT:-

```
ace@ace-ThinkCentre-M70e:~$ cd Desktop
```

```
ace@ace-ThinkCentre-M70e:~/Desktop$ python string.py
```

The first character of string a is A

The last character of string a is g

The characters between 3rd and 14th position of string a is harva Colle

The characters between 5th and 2nd last position is rva College of Engineerin

The characters after 8th position are College of Engineering



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The characters before 18th position is Atharva College o

The length of string b is 5

The upper case conversion of string a is ATHARVA COLLEGE OF ENGINEERING

The lower case conversion of string c is atharva college of engineering

The number of e's in string a is 4

String a after sorting becomes [' ', ' ', ' ', 'A', 'C', 'E', 'a', 'a', 'e', 'e', 'e', 'e', 'f', 'g', 'g', 'g', 'h', 'i', 'i', 'l', 'l', 'n', 'n', 'n', 'o', 'o', 'r', 'r', 't', 'v']

The string b and c is concatenated as HelloWorld

After replacing 'e' with 'o' the string becomes Atharva Collogo of Enginooring

The string a 3 three times gives Atharva College of EngineeringAtharva College of EngineeringAtharva College of Engineering