In [2]:
```python
# Excercise 1

word = input("Type any word: ")
for i in range(len(word)):
    print("Position" + str(i) + " character is " + word[i])
```

```
Type any word: Hello
Position0 character is H
Position1 character is e
Position2 character is l
Position3 character is l
Position4 character is o
```

In [2]:
```python
# Excercise 2

x = input("your sentence is: ")
words = x.split(' ')

min_length = min(words, key = len)
max_length = max(words, key = len)

print("The shortest word is : ", min_length)
print("The longest word is : ", max_length)
```

```
your sentence is: Write a Java program to sort an array of given integers using Quick
sort Algorithm.
The shortest word is :  a
The longest word is :  Algorithm.
```

In [ ]: