```
In [1]:  import sys
         print(sys.version)

         3.9.13 (main, Aug 25 2022, 23:51:50) [MSC v.1916 64 bit (AMD64)]
```

```
In [8]:  import sys
         id="513"
         sys.stdout.write("customer id=513")

         customer id=513
Out[8]:  15
```

```
In [5]:  id=3
         id=id+1
         print(id)

         4
```

```
In [6]:  id=id+1
         print(id)

         5
```

```
In [9]:  id=id+1

         ---------------------------------------------------------------
         TypeError                           Traceback (most recent call last)
         ~\AppData\Local\Temp\ipykernel_15996\1865925738.py in <module>
         ----> 1 id=id+1

         TypeError: can only concatenate str (not "int") to str
```

```
In [10]: new_id=int(id)+1
         print(new_id)

         514
```

```
In [11]: le star," \n \t "How I wonder what you are!" \n \t \t "Up above the world so high," \n \t \t \t "Like a diamond in the sky.")

           File "C:\Users\93781\AppData\Local\Temp\ipykernel_15996\2862995073.py", line 1
             print("twinkle, twinkle, little star," \n \t "How I wonder what you are!" \n \t \t "Up above the world so high," \n \t
         \t \t "Like a diamond in the sky.")
                                              ^
         SyntaxError: unexpected character after line continuation character
```

```
In [12]: print("twinkle, twinkle, little star, \n\t How I wonder what you are! \n\t\t Up above the world so high, \n\t\t\t Like a diam

         twinkle, twinkle, little star,
                 How I wonder what you are!
                         Up above the world so high,
                                 Like a diamond in the sky.
```

```
In [13]: course="python for data science."
         course[0]
         print(course[0])

         p
```

```
In [14]: print(course[13])

         t
```

```
In [15]: len(course)
Out[15]: 24
```

```
In [16]: course[-1]
Out[16]: '.'
```

```
In [17]: course[-1]
Out[17]: '.'
```

```
In [18]: course[11:15]
Out[18]: 'data'
```

```
In [19]: course[11:14]
Out[19]: 'dat'
```

```
In [20]: course[0:21:3]
Out[20]: 'ph ra i'
```

```
In [21]: course[0:3:21]
Out[21]: 'p'
```

```
In [22]: course + ", AI & Development"
Out[22]: 'python for data science., AI & Development'
```

```
In [23]: course.replace(" ", "_" )
```

```
Out[23]: 'python_for_data_science.'

In [24]: ▶ course.upper()

Out[24]: 'PYTHON FOR DATA SCIENCE.'

In [ ]: ▶
```