**industry.txt File Content:**

Mark JamesPlumber26Melbourne

Kate MadisonAccountant29Newcastle

Anne ChanDentist33Sydney

Anthony JohnsonMechanic24Brisbane

Sarah MillerTeacher31Perth

Helen JadeHairdresser27Hobart

File split(‘ ‘) function Example **(See FileSplitDemo.py and industry.txt files**)

fr = open(“C:\\Users\\George\\Documents\\industry.txt”, “r”)

temp = fr.split(‘ ’)

**temp[ ] List:**

Content of the list after reading and splitting the 1st line of data between the spaces from the industry.txt file

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mark | James | Plumber | 26 | Melbourne |

0 1 2 3 4

Content of the list after reading and splitting the 2nd line of data between the spaces from the industry.txt file

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kate | Madison | Accountant | 29 | Newcastle |

0 1 2 3 4

Content of the list after reading and splitting the 3rd line of data between the spaces from the industry.txt file

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Anne | Chan | Dentist | 33 | Sydney |

0 1 2 3 4

Content of the list after reading and splitting the 4th line of data between the spaces from the industry.txt file

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Anthony | Johnson | Mechanic | 24 | Brisbane |

0 1 2 3 4

Content of the list after reading and splitting the 1st line of data between the spaces from the industry.txt file

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sarah | Miller | Teacher | 31 | Perth |

0 1 2 3 4

Content of the list after reading and splitting the 1st line of data between the spaces from the industry.txt file

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Helen | Jade | Hairdresser | 27 | Hobart |

0 1 2 3 4

Index number 0 contains the first name of the employee

Index number 1 contains the last name of the employee

Index number 2 contains the occupation of the employee

Index number 3 contains the age of the employee

Index number 4 contains the city where the employee lives and works