**industry2.txt File Content:**

Mark James**:**Plumber**:**26**:**Melbourne

Kate Madison**:**Accountant**:**29**:**Newcastle

Anne Chan**:**Dentist**:**33**:**Sydney

Anthony Johnson**:**Mechanic**:**24**:**Brisbane

Sarah Miller**:**Teacher**:**31**:**Perth

Helen Jade**:**Hairdresser**:**27**:**Hobart

File split(‘:’) function Example **(See FileSplitDemo2.py and industry2.txt files**)

fr = open(“C:\\Users\\George\\Documents\\industry2.txt”, “r”)

temp = fr.split(‘:’)

**temp[ ] List:**

Content of the list after reading and splitting the 1st line of data between the colons from the industry2.txt file

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

0 1 2 3

Content of the list after reading and splitting the 2nd line of data between the colons from the industry2.txt file

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

0 1 2 3

Content of the list after reading and splitting the 3rd line of data between the colons from the industry2.txt file

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

0 1 2 3

Content of the list after reading and splitting the 4th line of data between the colons from the industry2.txt file

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

0 1 2 3

Content of the list after reading and splitting the 5th line of data between the colons from the industry2.txt file

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

0 1 2 3

Content of the list after reading and splitting the 6th line of data between the colons from the industry2.txt file

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

0 1 2 3

Index number 0 contains the full name of the employee

Index number 1 contains the occupation of the employee

Index number 2 contains the age of the employee

Index number 3 contains the city where the employee lives and works