**industry3.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 FileSplitDemo3.py and industry3.txt files**)

fr = open(“C:\\Users\\George\\Documents\\industry3.txt”, “r”)

temp = fr.split(‘;’)

**temp[ ] List:**

Content of the list after reading and splitting the 1st line of data between the semicolons from the industry3.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 semicolons from the industry3.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 semicolons from the industry3.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 semicolons from the industry3.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 semicolons from the industry3.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 semicolons from the industry3.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