SCS 1202 - Programming Using C

Tutorial 9

1.

```
Enter a reg no : PS/00/78
Enter the student name : Nimal
Enter the age : 23

Enter a reg no : PS/00/80
Enter the student name : Kamal
Enter the age : 21

Enter a reg no : PS/00/85
Enter the student name : Amal
Enter the age : 22

Enter a reg no : PS/00/90
Enter the student name : Binuri
Enter the age : 22

Enter a reg no : PS/00/96
Enter the student name : Janani
Enter the age : 21
```

*student.txt - Notepad

File   Edit   Format   View   Help

StRe_no	St_Name	St_age
PS/00/78	Nimal	23
PS/00/80	Kamal	21
PS/00/85	Amal	22
PS/00/90	Binuri	22
PS/00/96	Janani	21

2.

```
Employee name    Basic salary(Rs)        OT amount       Net salary
Nimal            35000.00                135.00          47385.00
Kamal            45000.00                150.00          60900.00
Sunil            55000.00                30.00           74280.00
Mailika          25000.00                75.00           33825.00

Totalamount of money this company should have to pay the employee basic salaries : 160000.00

Totalamount of money this company should have to pay the employee salaries : 216390.00
-------------------------------
```

data.txt - Notepad

File   Edit   Format   View   Help

Employee name	Employee no	Basic salary(Rs)	OT hours
Nimal	1	35000.00	9
Kamal	2	45000.00	10
Sunil	3	55000.00	2
Mailika	4	25000.00	5

3.

```
ID number        Annual Income   No of members
 3210              190              6
 9280              250              2
 3600              290              5
 4725              590              3
 6217              600              2

Average household income($) - 384
Total number of members in the town - 18
Median Annual Income ($) - 290
```

readme.txt - Notepad

File   Edit   Format   View   Help

ID number	Annual Income($)	No of members	$(X_{i-1} + X_i)$
3210	190	6	6
9280	250	2	8
3600	290	5	13
4725	590	3	16
6217	600	2	18
total		18	

4.

```
Enter the word : Programming
a = 1
e = 0
i = 1
o = 1
u = 0
other = 8
count = 11
```

myword.txt - Notepad

File Edit Format View Help

Word	a	e	i	o	u	other	total
Apple	1	1	0	0	0	3	5
University	0	1	2	0	1	6	10
Programming	1	0	1	1	0	8	11