Dounglan Cheung Hw5Output.docx

PROBLEM A OUTPUT

Enter a file name with .txt at the end: studentnames.txt

studentnames.txt

Mohammed bin Barak

Lina Lopez

Sarah Parker

Marcus Kim

David Weider

Ada Mae Freeman

Chongzong Li

Josh Cohen

Enter a file name with .txt at the end: studentscores.txt

studentscores.txt

76 85

98 80

87 79

70 99

77 97

90 99

60 77

97 98

Gradebook.txt

Mohammed bin Barak 76 85 80.50

Lina Lopez 98 80 89.00

Sarah Parker 87 79 83.00

Marcus Kim 70 99 84.50

David Weider 77 97 87.00

Ada Mae Freeman 90 99 94.50

Chongzong Li 60 77 68.50

Josh Cohen 97 98 97.50

Average 81.875 89.25 85.56

Ex1.)

Enter a file name with .txt at the end: people.txt

people.txt

Mark Jones

Oliver Queen

Barry Allen

Kara Danvers

Enter a file name with .txt at the end: peoplescores.txt

peoplescores.txt

99 99

90 80

80 95

10 99

Gradebook.txt

Mark Jones 99 99 99.00

Oliver Queen 90 80 85.00

Barry Allen 80 95 87.50

Kara Danvers 10 99 54.50

Average 69.75 93.25 81.50

Ex2.

Enter a file name with .txt at the end: animals.txt

animals.txt

Mickey Mouse

Donald Duck

Minnie Mouse

Pluto

Goofy

Chip

Dale

Pete

Tom

Jerry

Enter a file name with .txt at the end: animalscores.txt

animalscores.txt

10 10

20 20

30 30

40 40

50 50

60 70

80 25

90 90

89 98

10 11

Gradebook.txt

Mickey Mouse 10 10 10.00

Donald Duck 20 20 20.00

Minnie Mouse 30 30 30.00

Pluto 40 40 40.00

Goofy 50 50 50.00

Chip 60 70 65.00

Dale 80 25 52.50

Pete 90 90 90.00

Tom 89 98 93.50

Jerry 10 11 10.50

Average 47.9 44.4 46.15

PROBLEM B OUTPUT

SAMPLE

Enter a file name with message to encode: food

Enter name of file with message to decode: foodEncoded

food.txt

cows make milk trees give fruit

foodEncoded.txt

Cithegows Mithegake Mithegilk Tithegrees Githegive Fithegruit

foodEncodedDecoded.txt

COWS MAKE MILK TREES GIVE FRUIT

Ex1)

Enter a file name with message to encode: like

Enter name of file with message to decode: likeEncoded

like.txt

band make taco birds fly fast

likeEncoded.txt

Bithegand Mithegake Tithegaco Bithegirds Fithegly Fithegast

likeEncodedDecoded.txt

BAND MAKE TACO BIRDS FLY FAST