Homework 2 Report

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1 Problem 1 Test Cases

```
bob@Bennys-MacBook-Pro programs % java BinarytoDecimal.java
Enter a binary number: 1100
The decimal value is 12
bob@Bennys-MacBook-Pro programs % java BinarytoDecimal.java
Enter a binary number: 1001
The decimal value is 9
bob@Bennys-MacBook-Pro programs % java BinarytoDecimal.java
Enter a binary number: 0000
The decimal value is 0
```

2 Problem 2 Test Cases

```
bob@Bennys-MacBook-Pro programs % java ReadALine.java
Enter a line of text. No punctuation please.
Java is the language
I have rephrased that line to read:
Is the language java
bob@Bennys-MacBook-Pro programs % java ReadALine.java
Enter a line of text. No punctuation please.
Road rainbow
I have rephrased that line to read:
Rainbow road
bob@Bennys-MacBook-Pro programs % java ReadALine.java
Enter a line of text. No punctuation please.
league of legends
I have rephrased that line to read:
Of legends league
```

3 Problem 3 Test Cases

```
bob@Bennys-MacBook-Pro programs % java FindtheAverages.java
Enter the name of the file:
in.txt
The average score for Joyis 50.00
The average score for Ecstasyis 80.00
The average score for Fantasyis 91.67
bob@Bennys-MacBook-Pro programs % java FindtheAverages.java
Enter the name of the file:
in2.txt
The average score for Bennyis 83.33
The average score for Robis 57.33
The average score for scottis 45.00
bob@Bennys-MacBook-Pro programs % java FindtheAverages.java
Enter the name of the file:
in3.txt
The average score for Jonis 65.00
The average score for Nateis 6.67
The average score for Richis 61.67
```

4 Problem 4 Test Cases

```
bob@Bennys-MacBook-Pro programs % java WhatsInAName.java
Please enter your first name and last name, seperated by a space
Swapna Gokhale
Your first name is Swapna, which has 6 characters
Your last name is Gokhale, which has 7 characters
Your initials are SG
bob@Bennys-MacBook-Pro programs % java WhatsInAName.java
Please enter your first name and last name, seperated by a space
Benny Chen
Your first name is Benny, which has 5 characters
Your last name is Chen, which has 4 characters
Your initials are BC
bob@Bennys-MacBook-Pro programs % java WhatsInAName.java
Please enter your first name and last name, seperated by a space
Scott Haney
Your first name is Scott, which has 5 characters
Your last name is Haney, which has 5 characters
Your initials are SH
```