

In Class Test #1: 25points + 2extra credit points

Covers Chapters 1 - 2, Basic If-Else Statement

Tidbits (5 points)

1. What is stored in str2?

```
String str = "Sally";  
String str2 = str.substring(1, 2);
```

2. What is wrong with the following piece of code?

```
int mystery = 1;  
mystery = 1 - 2 * mystery;  
int mystery = mystery + 1;
```

3. What is stored in total?

```
int total;  
total = 5;  
total += 2;
```

4. What does the following piece of code print out?

```
int a = 8;  
int b = 3;  
double result = a/b;  
System.out.printf("%.2f", result);
```

5. What is the value of result?

```
int a = 8;  
int b = 3;  
double result = (double) a/b;
```

(20 points)

Write a program which designs an ASCII Character by asking for a first name, a last name, a birth date and the current year. Then, draw the user's character and output whether or not the character is of legal drinking age.

Sample Output

```
Enter your person's first name:
  Billy
Enter your person's last name:
  Jean
What year will Billy be born?
  1983
What year is it? 2017
This is Billy Jean:
  o
  -|-
  / \
Billy Jean is 34, Billy Jean can drink.
```

Extra Credit (2 points)

Modify the appearance of your user's character.