Cs 31 project3 report

1. The most notable obstacle I encountered with is the how to find the correct value of BadBeat. The checking part for the first function was also tough. Probably it’s because of the poor method I came up with. Also, I couldn’t do the conversion part for the convertible syntax.
2. For the function **bool** hasProperSyntax(string tune):

{ **for** (**int** i=0; i != tune.size(); i++)

{ **if** (isalpha(tune.at(i)))

// all the cases that prevent it to become true.

**if** (isdigit(tune.at(i)));

// all the cases that prevent it to become true.

Else

// after all the checking, the rest of it should be proper syntax.

**int** convertTune(string tune, string& instructions, **int**& badBeat)

{

**if** (!hasProperSyntax(tune))

{**return** 1;}

**if** (hasProperSyntax(tune))

{

**// write the four cases that return 4 different values**

}

}

1. g/b//

r3///b0//

r3//y/gz//o/

mr/