```
Derek Albosta

1.       What does the BradFloat value 1 0100 010 represent in base 10?
= -1.0100 * 2^2
= -101
= -5

2.       What do you get when you add the BradFloat values 0 1100 011 and 1 0110
011? Please give your answer in both BradFloat binary format, and the base-10 va
lue the BradFloat represents.
= 0 1100 011 + 1 0110 011
= 1.110 * 2^3 + -1.011 * 2^3
= 0.011 * 2^3
= 11.0
= 3.0 or 0 1000 001

3.       What do you get when you add the BradFloat values 0 0011 011 and 0 0011
101? Please give your answer in both BradFloat binary format, and the base-10 va
lue the BradFloat represents.
= 0 0011 011 + 0 0011 101
= 1.001* 2^3 + 1.001 * 2^5
= 0.01001 * 2^5 + 1.001 * 2^5
= 1.010101 * 2^5
= 101010.1
= 42.5 or 0 0101 101

4.       What do you get when you add the BradFloat values 0 1011 101 and 1 1010
101? Please give your answer in both BradFloat binary format, and the base-10 va
lue the BradFloat represents.
= 0 1011 101 + 1 1010 101
= 1.1011 * 2^5 + -1.1010 * 2^5
= 0.0001 * 2^5
= 10.0
= 2 or 0 0000 001
```