IEEE Xtreme Practice

September 19th, 2019

CS1 QUESTIONS

00:

Complete your labs, if your labs are not finished do not continue. Work together and make sure you understand the lab.

01:

Check 5 digit number is a palindrome.

Example output:

```
Enter a 5 digit whole number:    Enter a 5 digit whole number:
50505                            51321
50505 is a palindrome.           51321 is not a palindrome.
5                                5
0                                1
5                                3
0                                2
5                                1
```

02:

Create blackjack game.

```
Welcome to blackjack!                    Welcome to blackjack!
Enter either 'H' or 'h' to "hit" or 'K' or 'k' to keep.    Enter either 'H' or 'h' to "hit" or 'K' or 'k' to keep.
Your hand: 7                             Your hand: 16
h                                        h
Your hand: 8                             Your hand: 21
h                                        k
Your hand: 11
h                                        Dealer hand is: 6
Your hand: 20                            Dealer hand is: 7
k                                        Dealer hand is: 13
                                         Dealer hand is: 15
Dealer hand is: 12                       Dealer hand is: 18
Dealer hand is: 17                       Dealer hand is: 21
Dealer hand is: 23                       21 vs. 21
20 vs. 23                                Dealer wins.
You win! Dealer bust!
```

```
Welcome to blackjack!
Enter either 'H' or 'h' to "hit" or 'K' or 'k' to keep.
Your hand: 12
h
Your hand: 16
h
Your hand: 22
Bust! You lose!
```