Note of Poker Instruction

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Instruction

Pick the best hand(s) from a list of poker hands.

See wikipedia for an overview of poker hands.

- Ranking a list of poker hands can be considered a sorting problem.
- Rust provides the sort method for `Vec<T> where T: Ord`.
- `Ord` types form a total order: exactly one of `a < b`, `a == b`, or `a > b` must be true.
- Poker hands do not conform to a total order: it is possible for two hands to be non-equal but has equal sort order. Example: `"3S 4S 5D 6H JH"`, `"3H 4H 5C 6C JD"`.
- Rust provides the `PartialOrd` trait to handle the case of sortable things which do not have a total order. However, it doesn't provide a standard `sort` method for `Vec<T> where T: PartialOrd`. The standard idiom to sort a vector in this case; is `your_vec.sort_by(|a, b| a.partial_cmp(b).unwrap_or(Ordering::{Less|Equal|Greater}));`, depending on your needs.
- You might consider implementing a type representing a poker hand that implements `PartialOrd`.

Let's solve it

List of poker hand

Index	Name	Example
1	Four of a kind	"AS AH AD AC KS"
2	Straight flush	"JS 10S 9S 8S 7S"