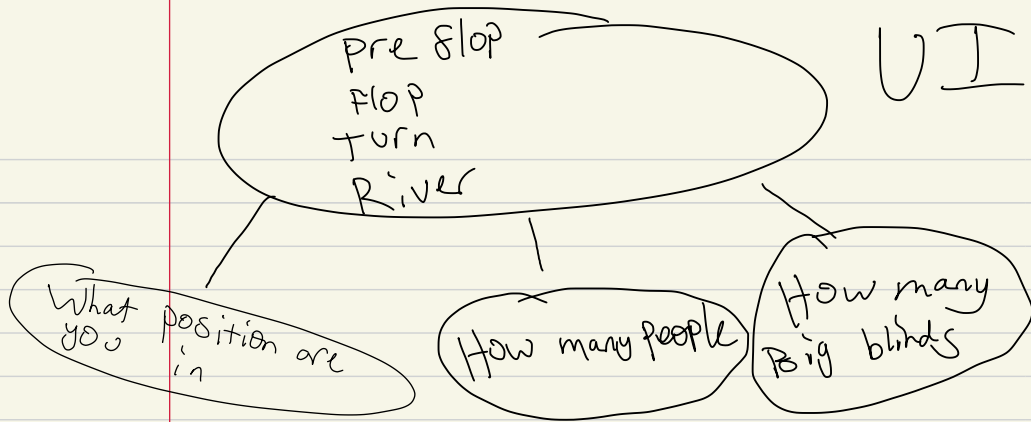


stretch  
goal

Might focus on pre flop action  
first then eventually add on flop, etc.

might want to add to calculator opponents  
chip count as well because will change  
the game theory on how hands should be played

- stretch goal



poker Calculator takes these inputs and calculates different results for each hand

### calculator dependencies

- All things above
- Did it fold to you
- did someone raise to you? If so how many callers

stretch goal

That's all the user input needed

— Gather all possible hands

— Rank hands in order

(Will have a chart on how I want hands played)

Then Given user input

we will know how many good options

The user has,

these are all for  
if action is sold  
to you

pre Flop charts

short stack

shove sold

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AOo	KJo	QJo	JJs	JTs	J9s	J8s	J7s	J6s	J5s	J4s	J3s	J2s
AT	KTs	QTs	JTs	TT	T9s	T8s	T7s	T6s	T5s	T4s	T3s	T2s
A9o	K9s	Q9s	J9s	T9s	99	98s	97s	96s	95s	94s	93s	92s
A8o	K8s	Q8s	J8s	T8s	98s	88	87s	86s	85s	84s	83s	82s
A7o	K7s	Q7s	J7s	T7s	97s	87s	77	76s	75s	74s	73s	72s
A6o	K6s	Q6s	J6s	T6s	96s	86s	76s	66	65s	64s	63s	62s
A5s	K5s	Q5s	J5s	T5s	95s	85s	75s	65s	55	54s	53s	52s
A4s	K4s	Q4s	J4s	T4s	94s	84s	74s	64s	54s	44	43s	42s
A3s	K3s	Q3s	J3s	T3s	93s	83s	73s	63s	53s	43s	33	32s
A2s	K2s	Q2s	J2s	T2s	92s	82s	72s	62s	52s	42s	32s	22

Key ● UT6, UT61 ● UT62, L5 ● HT, CO ● B ● SB

The user has,

pre Flop charts

Avg stack

these are all for  
if action is folded  
to you

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AOo	KJo	QJo	JJs	JTs	J9s	J8s	J7s	J6s	J5s	J4s	J3s	J2s
AT	KTs	QTs	JTs	TT	T9s	T8s	T7s	T6s	T5s	T4s	T3s	T2s
A9o	K9s	Q9s	J9s	T9s	99	98s	97s	96s	95s	94s	93s	92s
A8s	K8s	Q8s	J8s	T8s	98s	88	87s	86s	85s	84s	83s	82s
A7s	K7s	Q7s	J7s	T7s	97s	87s	77	76s	75s	74s	73s	72s
A6s	K6s	Q6s	J6s	T6s	96s	86s	76s	66	65s	64s	63s	62s
A5s	K5s	Q5s	J5s	T5s	95s	85s	75s	65s	55	54s	53s	52s
A4s	K4s	Q4s	J4s	T4s	94s	84s	74s	64s	54s	44	43s	42s
A3s	K3s	Q3s	J3s	T3s	93s	83s	73s	63s	53s	43s	33	32s
A2s	K2s	Q2s	J2s	T2s	92s	82s	72s	62s	52s	42s	32s	22

Key ● UT6, UT61 ● UT62, L5 ● HT, CO ● B ● SB

The user has,

pre Flop charts

Big Stack

these are all for  
if action is folded  
to you

AA	AKs	AQs	AJs	ATs	A9s	A8s	A7s	A6s	A5s	A4s	A3s	A2s
AKo	KK	KQs	KJs	KTs	K9s	K8s	K7s	K6s	K5s	K4s	K3s	K2s
AQo	KQo	QQ	QJs	QTs	Q9s	Q8s	Q7s	Q6s	Q5s	Q4s	Q3s	Q2s
AOo	KTo	QTo	JTs	JTs	J9s	J8s	J7s	J6s	J5s	J4s	J3s	J2s
AT	KTo	QT	JT	T	T9s	T8s	T7s	T6s	T5s	T4s	T3s	T2s
A9o	K9o	Q9o	J9o	T9o	99	98s	97s	96s	95s	94s	93s	92s
A8o	K8o	Q8o	J8o	T8o	98o	88	87s	86s	85s	84s	83s	82s
A7o	K7o	Q7o	J7o	T7o	97o	87o	77	76s	75s	74s	73s	72s
A6o	K6o	Q6o	J6o	T6o	96o	86o	76o	66	65s	64s	63s	62s
A5o	K5o	Q5o	J5o	T5o	95o	85o	75o	65o	55	54s	53s	52s
A4o	K4o	Q4o	J4o	T4o	94o	84o	74o	64o	54o	44	43s	42s
A3o	K3o	Q3o	J3o	T3o	93o	83o	73o	63o	53o	43o	33	32s
A2o	K2o	Q2o	J2o	T2o	92o	82o	72o	62o	52o	42o	32o	22

Key ● UT6, UT61 ● UT62, L5 ● HT, CO ● B ● SB

# calculator design

## Data Structure

2D Array of strings AK0, AKs

Search for value / answer w/ matching strings