

Poker Hand

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$\lambda \ \lambda \ \lambda$

1 Types and Functions

If we described the program we need to write as one function, what would be the name and type of this function?

1 `main :: IO()`

What would that function do?

2 Compute the scores extracted from the data in the standard input, and print them on the standard output.

How would you write this?

3

```
main :: IO()
main = interact computeScores
```

How would you write that function: `computeScores` ?

4

```
computeScores :: String → String
computeScores = unlines . mystery . lines
```

Your function breaks the input data into separate lines, processes all those line through a mysterious function, then assemble the result into a single output block of text. Why the name `mystery` ?

5 That's because I don't know what function I should write yet.