R project. teams, emails, and bruin.
 The project is problem 8.2, page 249.
You need to write code to go all in or fold. In R, try:

```
install.packages(holdem)
library(holdem)
library(help="holdem")
```

gravity, timemachine, tommy, ursula, vera, william, and xena are examples.
crds1[1,1] is your higher card (2-14).
crds1[2,1] is your lower card (2-14).
crds1[1,2] and crds1[2,2] are suits of your higher card & lower card.

```
help(tommy)
tommy
```

function (numattable1, crds1, board1, round1, currentbet, mychips1,
   pot1, roundbets, blinds1, chips1, ind1, dealer1, tablesleft)
{ a1 = 0
   if (crds1[1, 1] == crds1[2, 1])
      a1 = mychips1
   a1
}

help(vera)

All in with a pair, any suited cards, or if the smaller card is at least 9.

```
function (numattable1, crds1, board1, round1, currentbet, mychips1,
   pot1, roundbets, blinds1, chips1, ind1, dealer1, tablesleft)
{a1 = 0
 if ((crds1[1, 1] == crds1[2, 1]) || (crds1[1, 2] == crds1[2,2]) ||
    (crds1[2, 1] > 8.5)) a1 = mychips1
   a1
}
```

You need to email me your function, to frederic@stat.ucla.edu. It should be written (or cut and pasted) simply into the body of the email. If you write it in Word, save as text first, and then paste it into the email. Just submit one email per team.

For instance, if your function is named "bruin", you might do:

```
bruin = function (numattable1, crds1, board1, round1, currentbet,
    mychips1, pot1, roundbets, blinds1, chips1, ind1, dealer1,
    tablesleft) {
## all in with any pair higher than 7s, or if lower card is J or higher,
## or if you have less than 3 times the big blind
a1 = 0
if ((crds1[1, 1] == crds1[2, 1]) && (crds1[1, 1] > 6.5)) a1 = mychips1
if (crds1[2,1] > 10.5) a1 = mychips1
if(chips1 < 3*blinds1) a1 = mychips1
a1
} ## end of bruin
```