

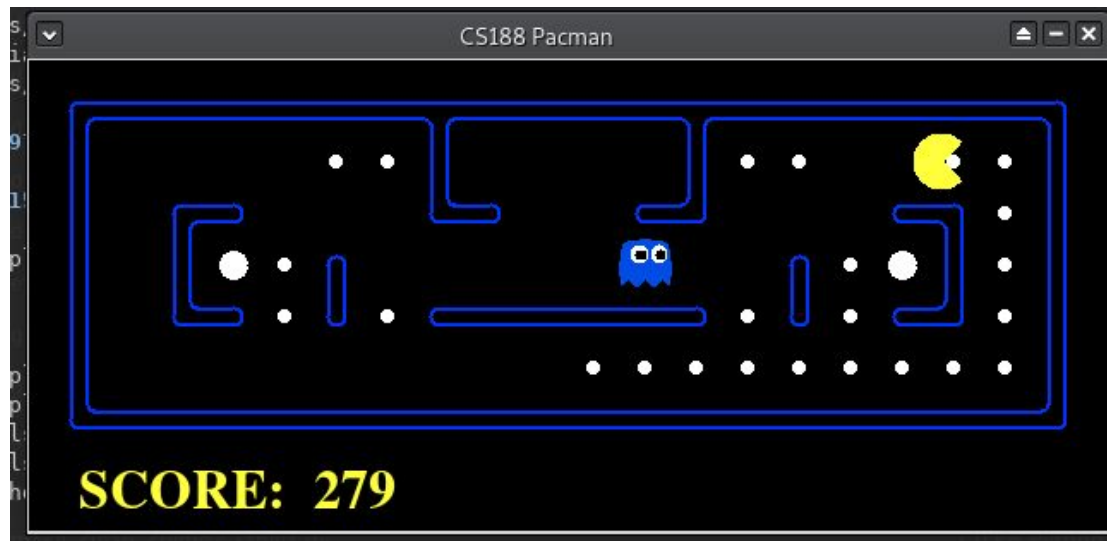
# Project 2 Contest

# Problem 5

3rd place: Pennington,  
score of 1270.2

Features:

- Score
- Food distance
- # Food left
- Closest Capsule
- # Capsules left
- Ghost distance  
(inverted if scared)



# Problem 5

Honorable mention:

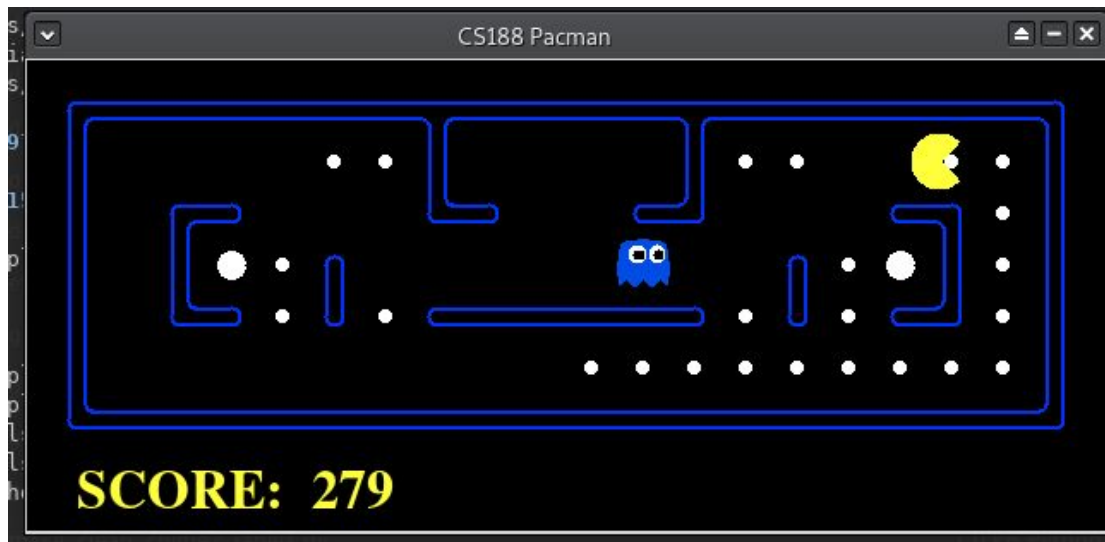
Rafian, score of 1280.5

Features:

- Score
- Food distance
- Ghost distance

High weight on:

- Go for ghost if ghost is scared

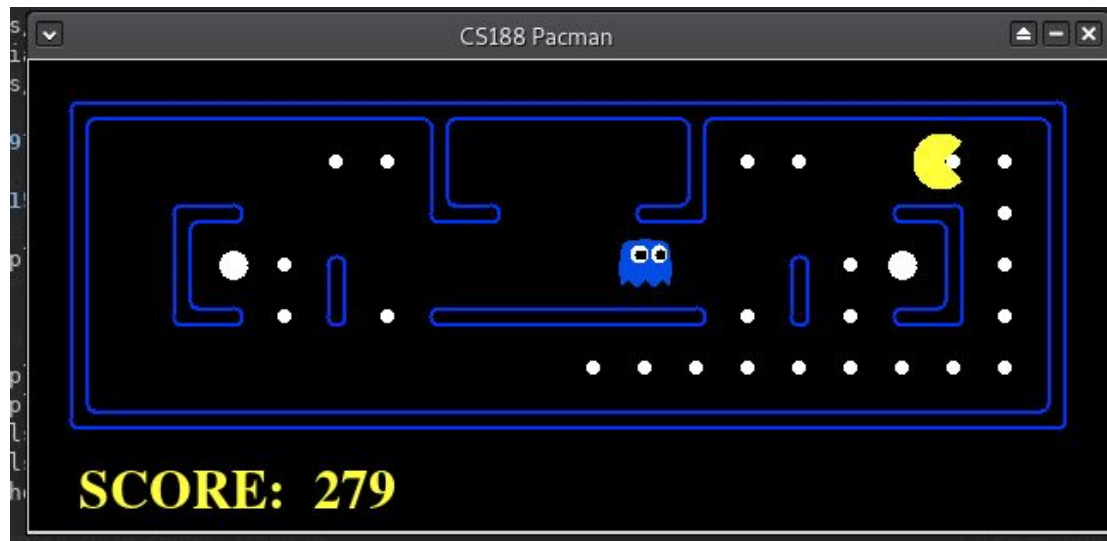


# Problem 5

2nd place: Peddamail,  
score of 1288.5

Same features/weights  
as Rafian, with addition  
of one feature:

- Amount of food in  
radius of 3

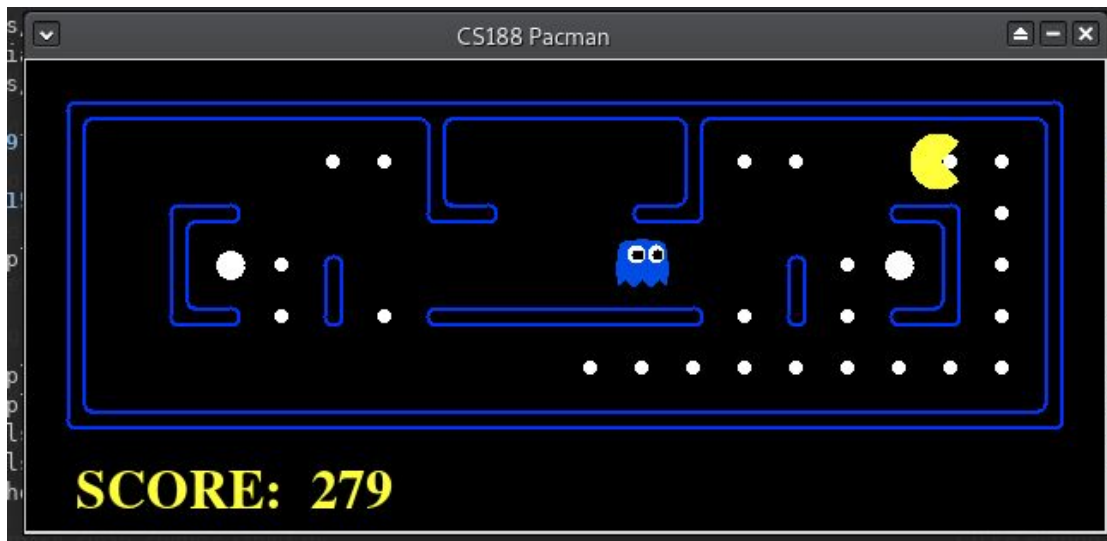


# Problem 5

1st place: Crenshaw,  
score of 1371.6

Distance Features:

- Closest food
- Closest non-scared ghost
- Closest scared ghost
- Closest capsule
- All-food heuristic



Weights found using hill climbing search algorithm!