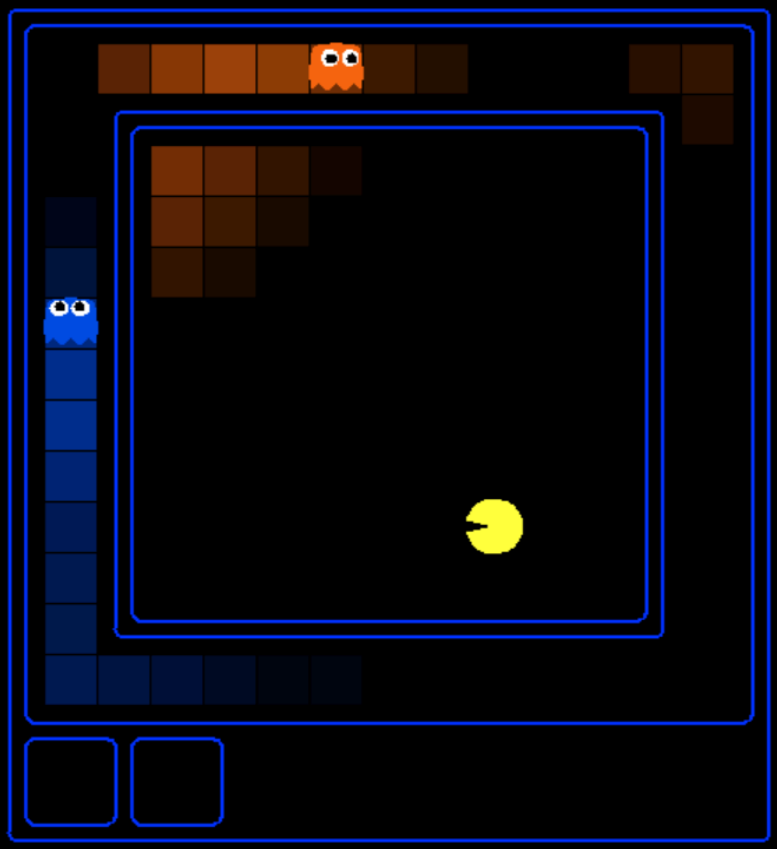
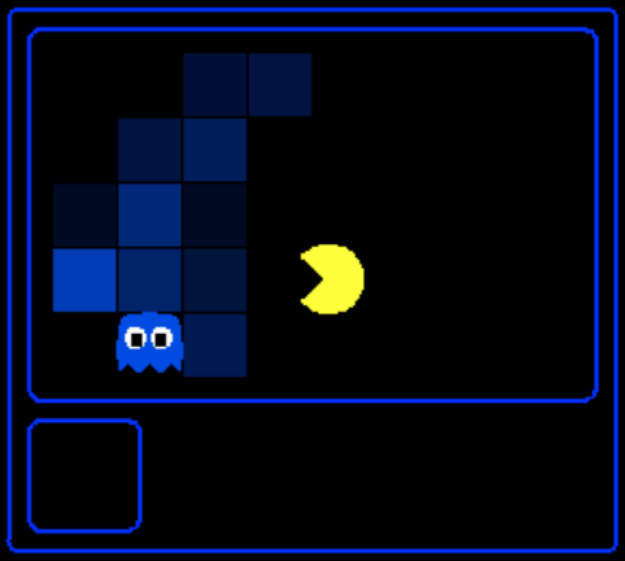
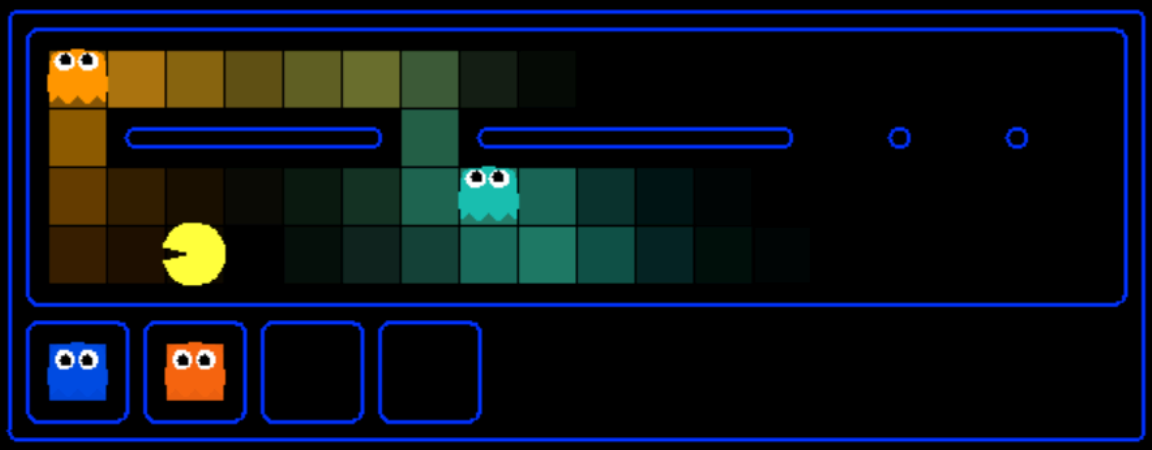
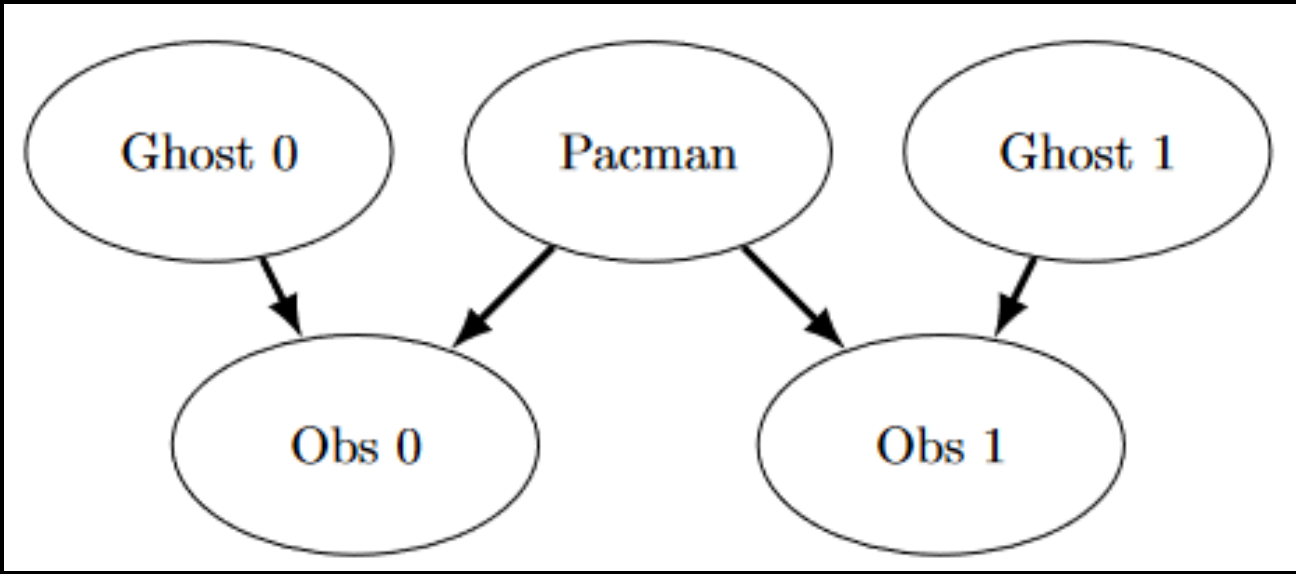




SCORE: -22



SCORE: 322 4.0 0 10.0 5.0




$$P(X|Z,y) = \frac{P(X,Z,y)}{P(Z,y)} = \frac{P(Z|y)P(y|X)P(X)}{\sum_x P(X,y,Z)} = \frac{P(Z|y)P(y|X)P(X)}{P(Z|y)\sum_x P(y|x)P(x)} = \frac{P(y|X)P(X)}{\sum_x P(y|x)P(x)} = P(X|y)$$

$$P(X1, X2, \ldots, Xn) = \prod_{i=1}^{n} P(X_i|parents(X_i))$$