

In-Class-8

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1. Calculate the State Transition Matrix

State Matrix	No Action	Reaching	Grasping	Grasped
No Action	8/14	1/14	0	0
Reaching	0	2/14	1/14	0
Grasping	0	0	1/14	1/14
Grasped	0	0	0	0

2. Calculate the Emission Matrix.

Emissions Matrix	000	011	100
No Action	8/9	0	1/9
Reaching	1/3	1/3	1/3
Grasping	0	2/2	0
Grasped	1/1	0	0