Tables Results in Detail according to the suggested Dataset

Table (2) shows the matching test for the image in figure (15-a)

Table 2: Binary Mapping of Features' Fusion Tester for Main Golden Fish 1

Image Name MGF1	Cost after Iteration 0 0.691739	Cost after Iteration 19900 0.000001	Binary Features Matching	Accuracy	Expected Output	Predicted Output
GF1	0.673164	0.000001	111	1.0	1	1.0
GF2	0.689875	0.000001	111	1.0	1	1.0
GF3	0.700280	0.000371	000	1.0	0	0.0
GF4	0.680518	0.000001	111	1.0	1	1.0
GF5	0.695196	0.000371	000	1.0	1	0.0
GF6	0.713828	0.000370	100	1.0	1	0.0
GF7	0.705951	0.000371	000	1.0	1	0.0
GF8	0.719571	0.000369	000	1.0	1	0.0
GF9	0.719946	0.000369	000	1.0	1	0.0
GF10	0.702675	0.000371	100	1.0	1	0.0
GF11	0.712439	0.000370	000	1.0	1	0.0
GF12	0.679641	0.000001	000	1.0	1	1.0
GF13	0.711959	0.000370	000	1.0	1	0.0
GF14	0.693147	0.006859	100	1.0	1	0.0
GF15	0.706860	0.000370	100	1.0	1	0.0
GF16	0.693486	0.000371	100	1.0	1	0.0
GF17	0.721998	0.000369	110	1.0	1	0.0
GF18	0.703345	0.000371	110	1.0	1	0.0
GF19	0.693147	0.006859	100	1.0	1	0.0
GF20	0.693147	0.006859	100	1.0	1	0.0
GF21	0.693147	0.006859	100	1.0	1	0.0

Table (3) shows the matching test for the image in figure (15-b)

Table 3: Binary Mapping of Features' Fusion Tester for Main Golden Fish 2

Image Name MGF2	Cost after Iteration 0 0.660659	Cost after Iteration 19900 0.000001	Binary Features Matching	Accuracy	Expected Output	Predicted Output
GF1	0.693147	0.006859	100	1.0	1	0.0
GF2	0.693147	0.006859	100	1.0	1	0.0
GF3	0.700280	0.000371	000	1.0	1	0.0
GF4	0.705938	0.000371	100	1.0	1	0.0
GF5	0.674682	0.000001	111	1.0	1	1.0
GF6	0.672886	0.000001	111	1.0	1	1.0
GF7	0.705951	0.000371	000	1.0	1	0.0
GF8	0.719571	0.000369	000	1.0	1	0.0
GF9	0.709997	0.000370	101	1.0	1	0.0
GF10	0.702675	0.000371	000	1.0	1	0.0
GF11	0.712439	0.000370	000	1.0	1	0.0
GF12	0.706838	0.000370	101	1.0	1	0.0
GF13	0.660695	0.000005	111	1.0	1	1.0
GF14	0.693147	0.006859	000	1.0	1	0.0
GF15	0.706860	0.000370	000	1.0	1	0.0
GF16	0.693486	0.000371	000	1.0	1	0.0
GF17	0.665105	0.000001	111	1.0	1	1.0
GF18	0.703345	0.000371	100	1.0	1	0.0
GF19	0.693147	0.006859	110	1.0	1	0.0
GF20	0.693147	0.006859	110	1.0	1	0.0
GF21	0.693147	0.006859	110	1.0	1	0.0

Table (4) shows the matching test for the image in figure (15-c)

Table 4: Binary Mapping of Features' Fusion Tester for Pens Holder

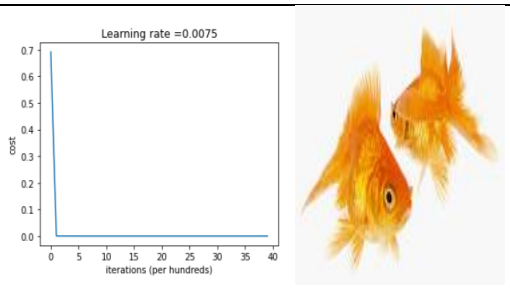
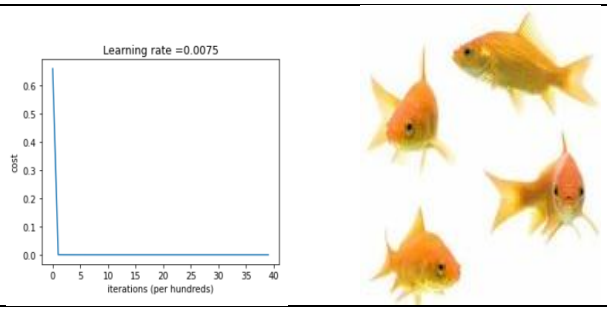
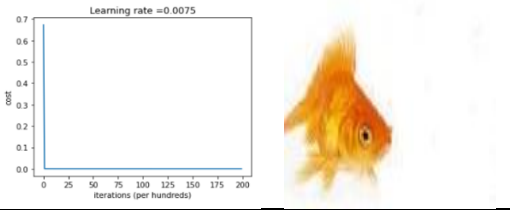
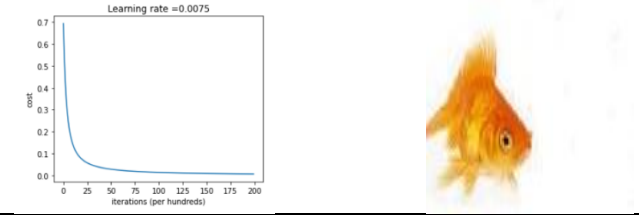
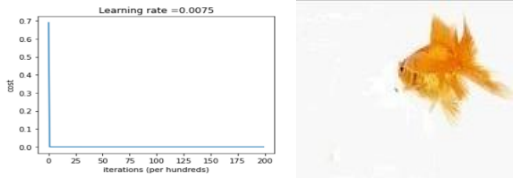
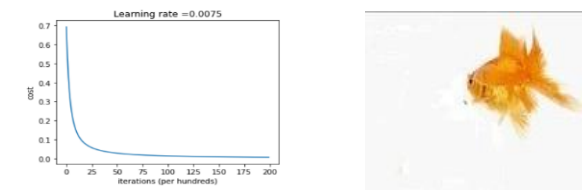
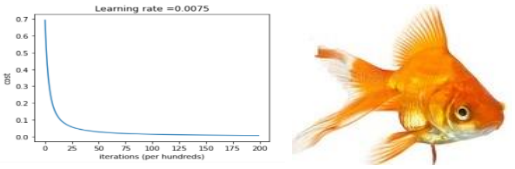
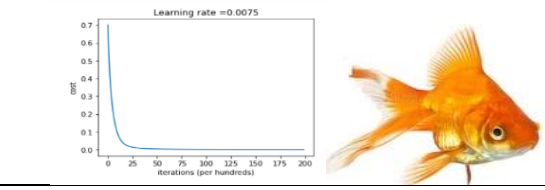
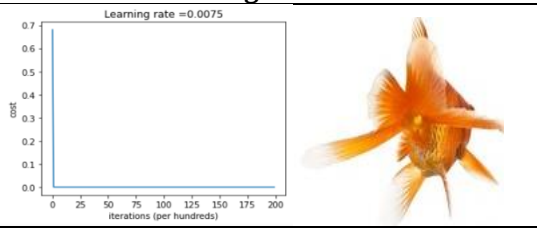
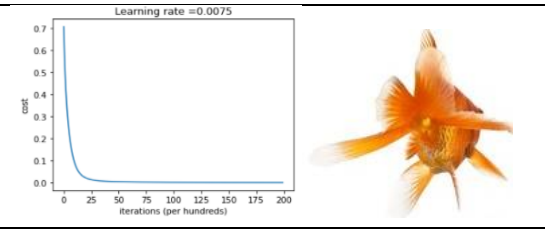
Image Name MP1	Cost after Iteration 0 0.674709	Cost after Iteration 19900 0.000001	Binary Features Matching	Accuracy	Expected Output	Predicted Output
P1	0.681986	0.000002	111	1.0	1	1.0
P2	0.680690	0.000002	111	1.0	1	1.0
P3	0.710151	0.000370	000	0.0	0	0.0
P4	0.709876	0.000370	000	0.0	0	0.0
P5	0.713068	0.000370	000	0.0	0	0.0
P6	0.701189	0.000371	100	1.0	1	0.0
P7	0.702619	0.000371	100	1.0	1	0.0
P8	0.694675	0.000371	100	1.0	1	0.0
P9	0.703492	0.000371	100	1.0	1	0.0
P10	0.697924	0.000371	100	1.0	1	0.0
P11	0.701175	0.000371	100	1.0	1	0.0
P12	0.708380	0.000370	100	1.0	1	0.0

Table (5) shows the matching test for the image in figure (15-d)

Table 5: Binary Mapping of Features' Fusion Tester for Highlighters

Image Name MP2	Cost after Iteration 0 0.672004	Cost after Iteration 19900 0.000001	Binary Features Matching	Accuracy	Expected Output	Predicted Output
P1	0.704434	0.000371	000	1.0	1	0.0
P2	0.795761	0.000371	100	1.0	1	0.0
P3	0.681986	0.000002	111	1.0	1	1.0
P4	0.676694	0.000002	111	1.0	1	1.0
P5	0.713068	0.000370	100	0.0	0	0.0
P6	0.685169	0.000002	111	1.0	1	1.0
P7	0.672004	0.000002	111	1.0	1	1.0
P8	0.691621	0.000001	111	1.0	1	1.0

P9	0.682909	0.000001	111	1.0	1	1.0
P10	0.688393	0.000001	111	1.0	1	1.0
P11	0.685183	0.000001	111	1.0	1	1.0
P12	0.708380	0.000370	000	1.0	0	0.0

	
Cost Value for MGF1	**Cost Value for MGF2**
	
Cost Value and Feedback Message for retrieving the GF1	**Cost Value and Feedback Message for retrieving the GF1**
	
Cost Value and Feedback Message for retrieving the GF2	**Cost Value and Feedback Message for retrieving the GF2**
	
Cost Value and Feedback Message for retrieving the GF3	**Cost Value and Feedback Message for retrieving the GF3**
	
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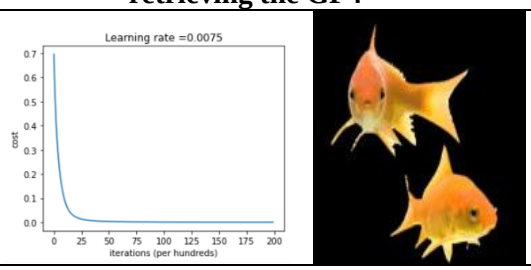
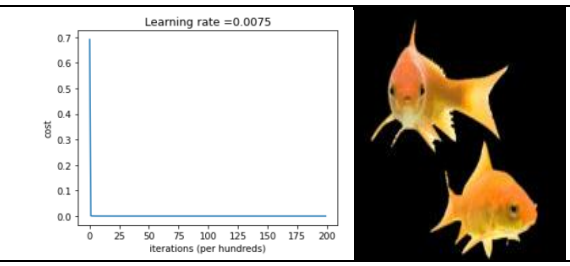
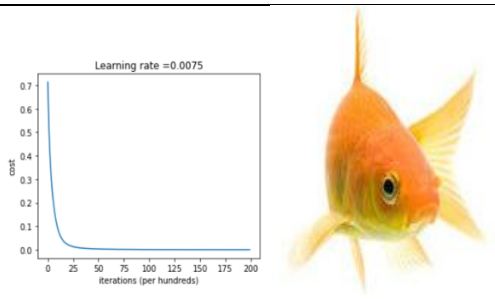
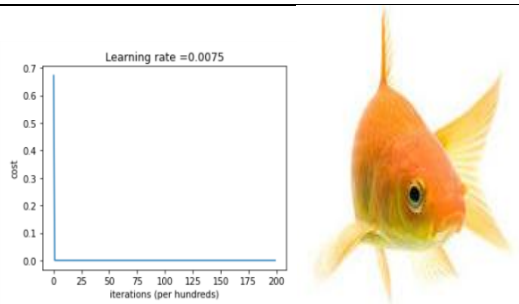
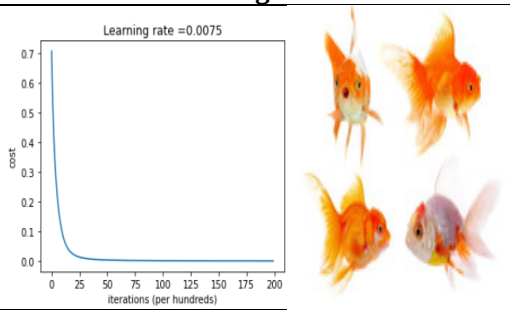
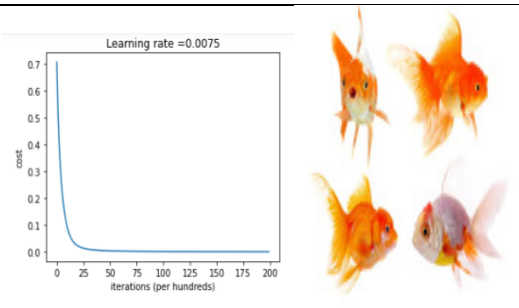
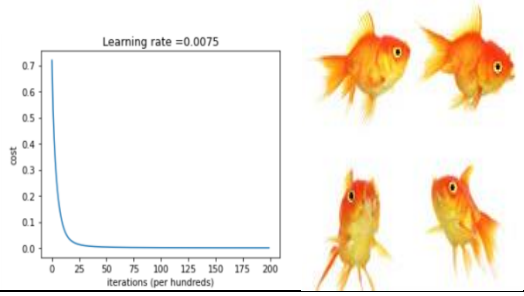
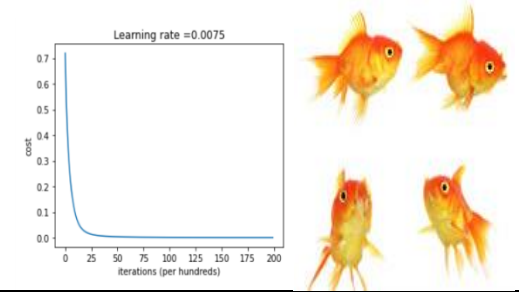
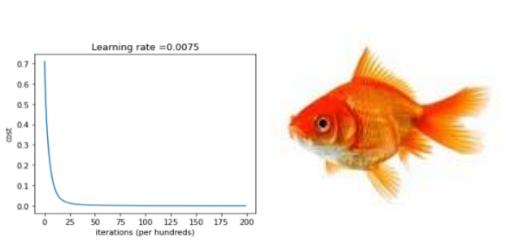
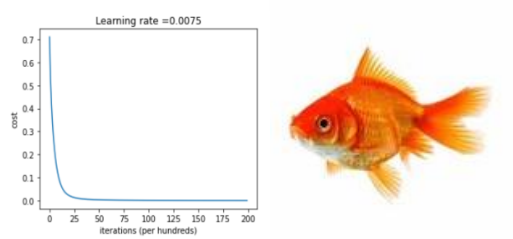
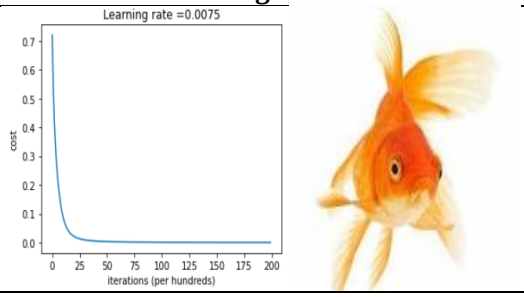
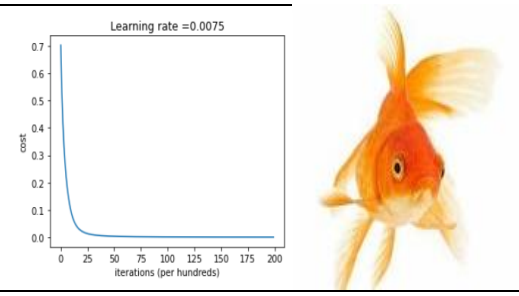
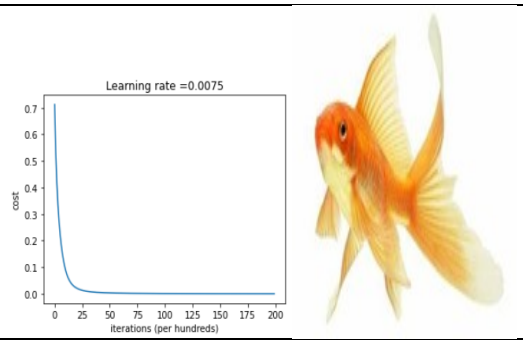
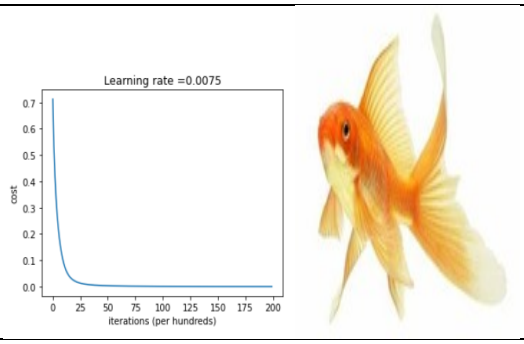
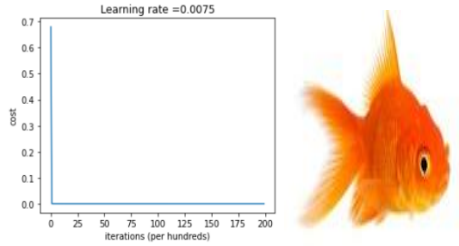
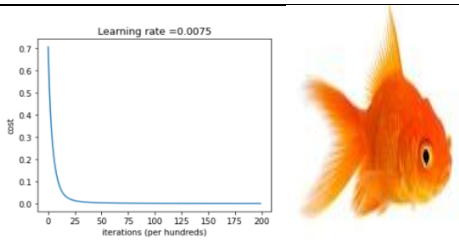
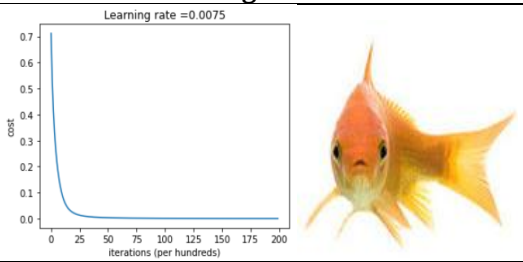
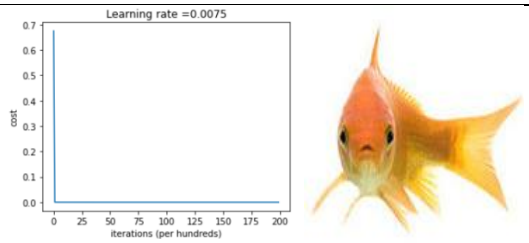
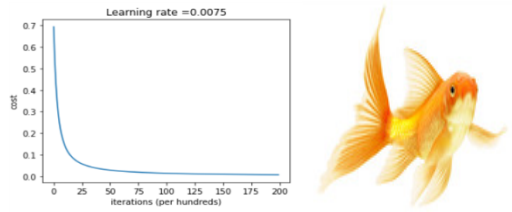
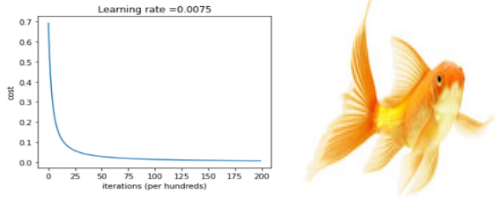
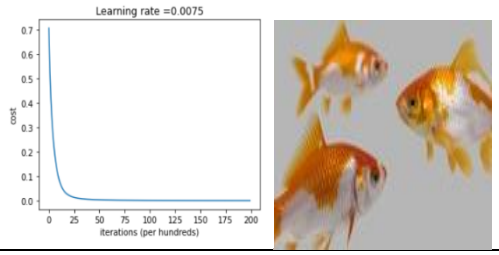
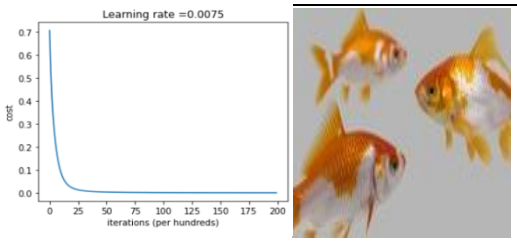
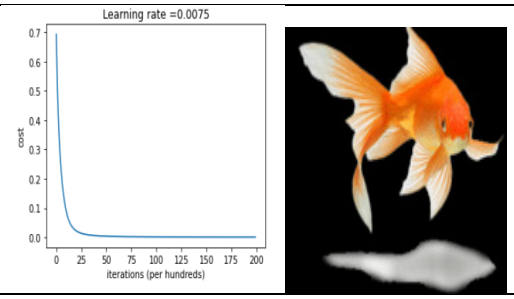
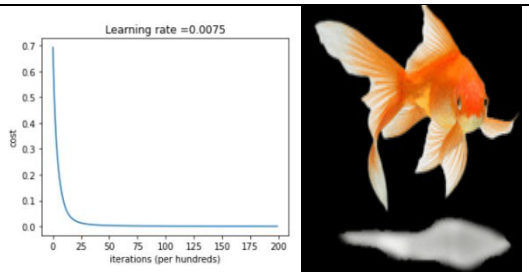
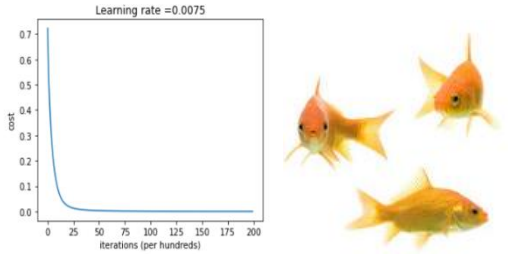
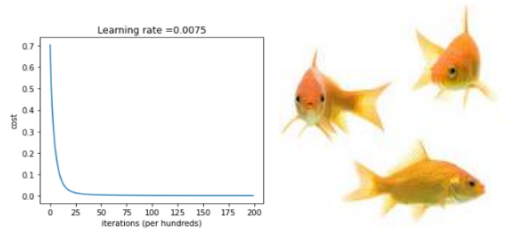
	
Cost Value and Feedback Message for retrieving the GF5	**Cost Value and Feedback Message for retrieving the GF5**

	
Cost Value and Feedback Message for retrieving the GF6	**Cost Value and Feedback Message for retrieving the GF6**
	
Cost Value and Feedback Message for retrieving the GF7	**Cost Value and Feedback Message for retrieving the GF7**
	
Cost Value and Feedback Message for retrieving the GF8	**Cost Value and Feedback Message for retrieving the GF8**
	
Cost Value and Feedback Message for retrieving the GF9	**Cost Value and Feedback Message for retrieving the GF9**
	
Cost Value and Feedback Message for retrieving the GF10	**Cost Value and Feedback Message for retrieving the GF10**

	
Cost Value and Feedback Message for retrieving the GF11	**Cost Value and Feedback Message for retrieving the GF11**
	
Cost Value and Feedback Message for retrieving the GF12	**Cost Value and Feedback Message for retrieving the GF12**
	
Cost Value and Feedback Message for retrieving the GF13	**Cost Value and Feedback Message for retrieving the GF13**
	
Cost Value and Feedback Message for retrieving the GF14	**Cost Value and Feedback Message for retrieving the GF14**
	
Cost Value and Feedback Message for retrieving the GF15	**Cost Value and Feedback Message for retrieving the GF15**

	
Cost Value and Feedback Message for retrieving the GF16	**Cost Value and Feedback Message for retrieving the GF16**
	
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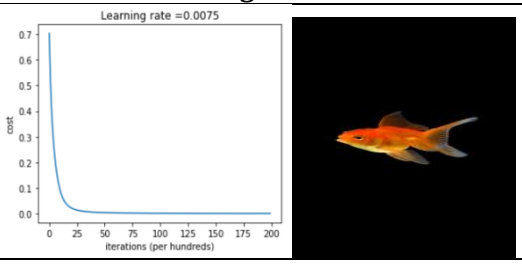
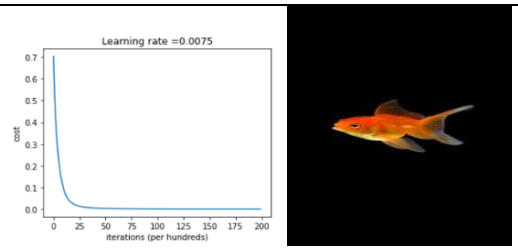
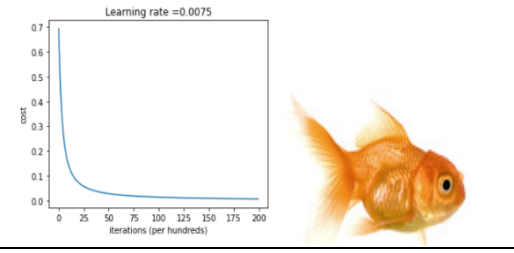
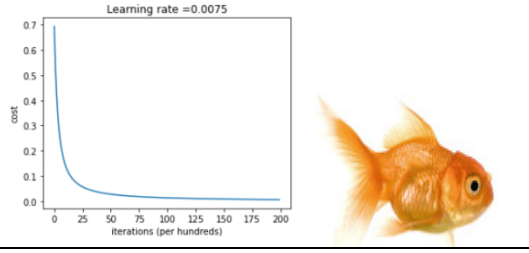
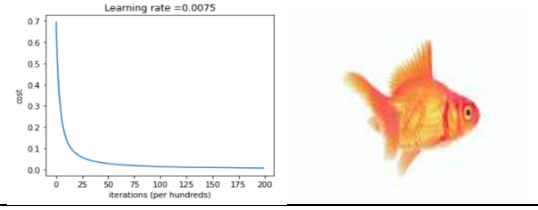
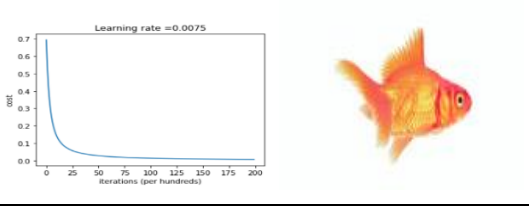
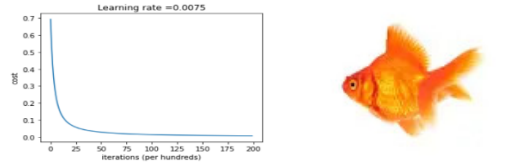
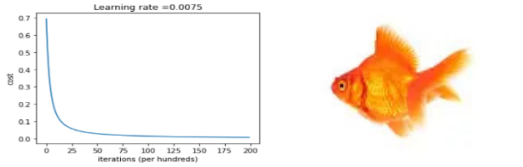
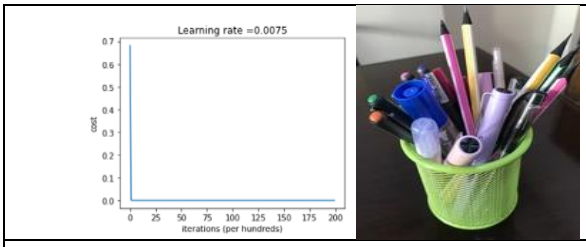
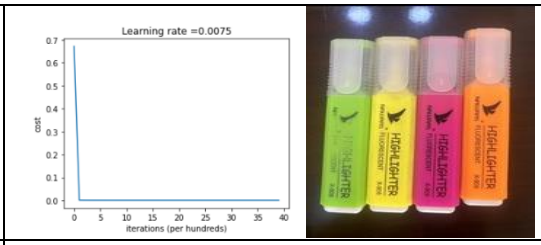
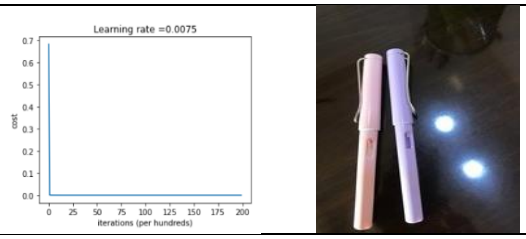
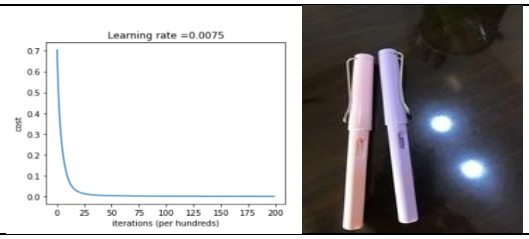
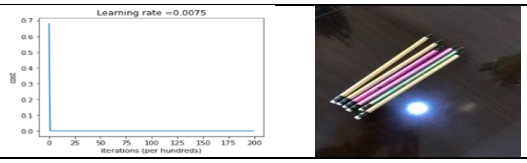
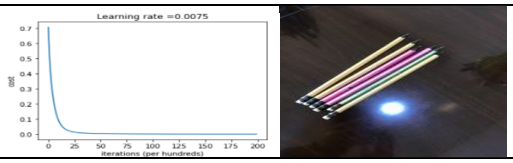
	
Cost Value and Feedback Message for retrieving the GF18	**Cost Value and Feedback Message for retrieving the GF18**
	
Cost Value and Feedback Message for retrieving the GF19	**Cost Value and Feedback Message for retrieving the GF19**
	
Cost Value and Feedback Message for retrieving the GF20	**Cost Value and Feedback Message for retrieving the GF20**
	
Cost Value and Feedback Message for retrieving the GF20	**Cost Value and Feedback Message for retrieving the GF20**

	
Cost Functione Value for MP1	**Cost Functione Value for MP2**
	
Cost Functione Value for P1	**Cost Functione Value for P1**
	
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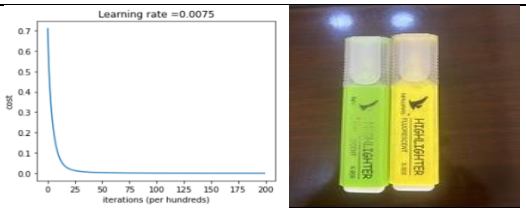	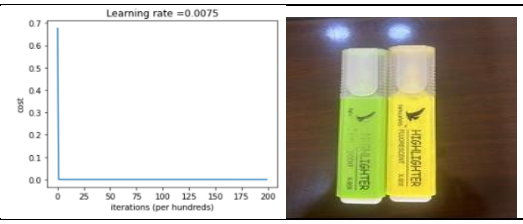
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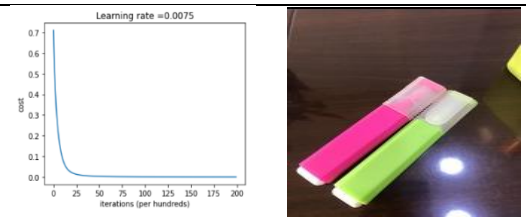	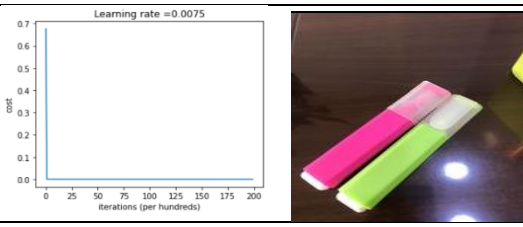
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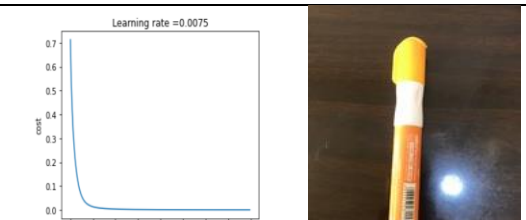
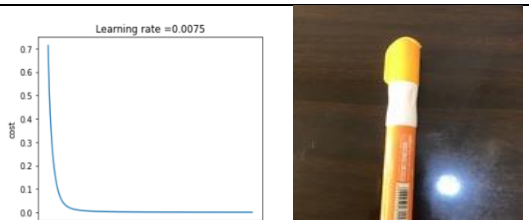
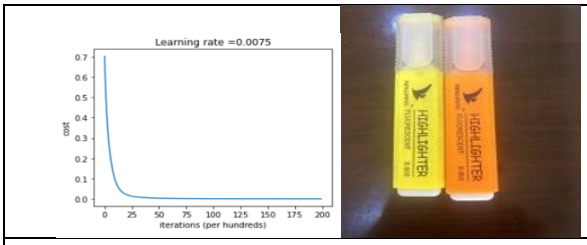
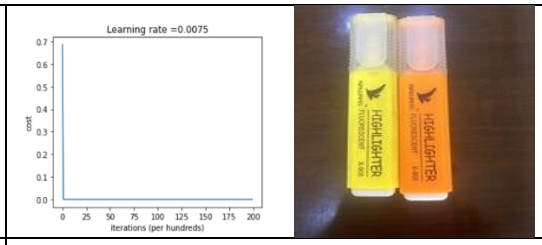
	
Cost Functione Value for P5	**Cost Functione Value for P5**
	
Cost Functione Value for P6	**Cost Functione Value for P6**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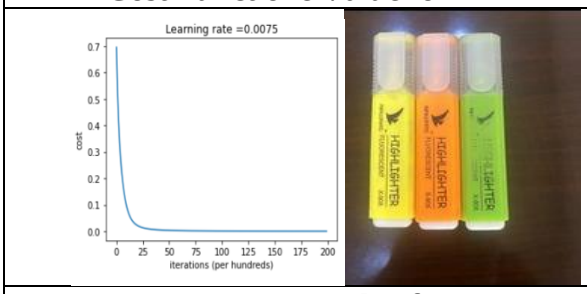	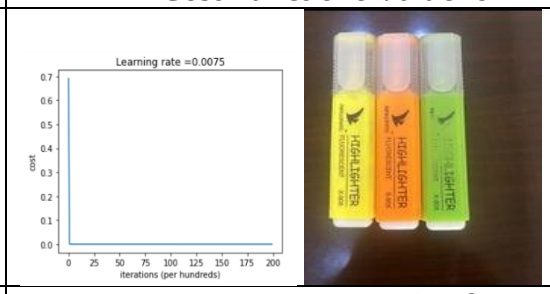
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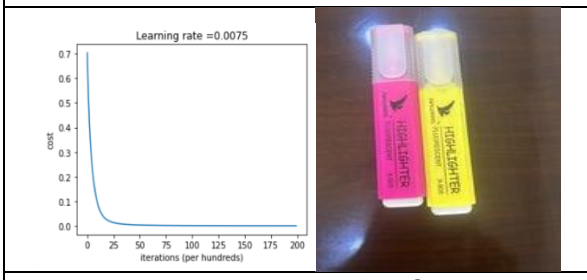	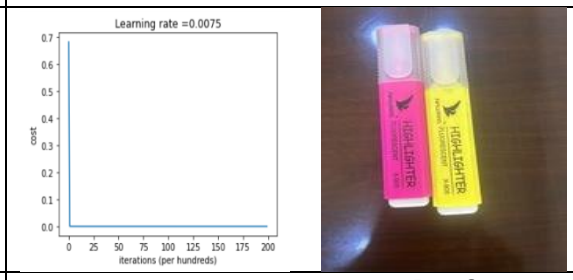
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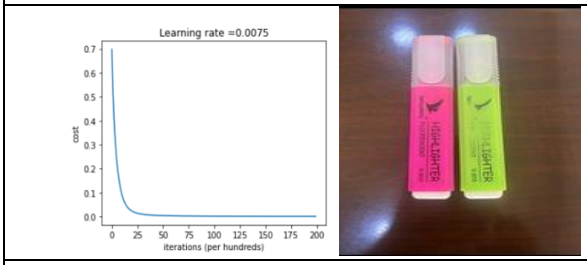
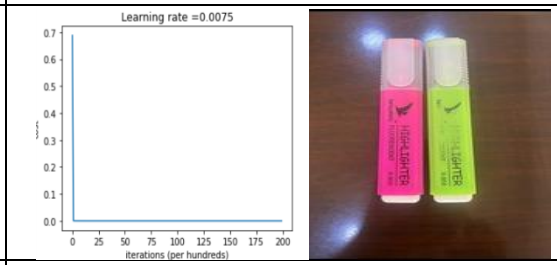
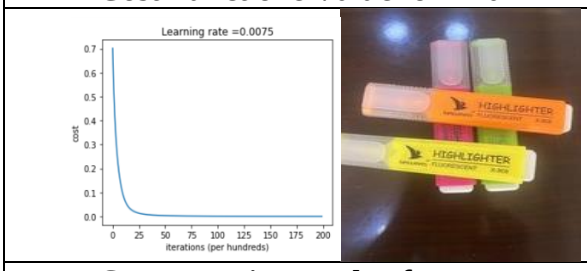
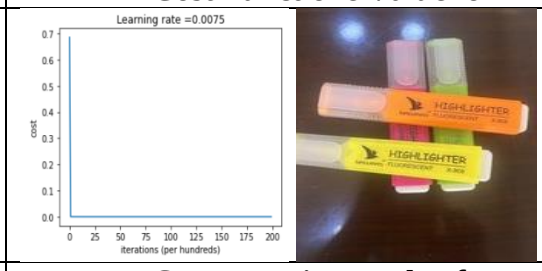
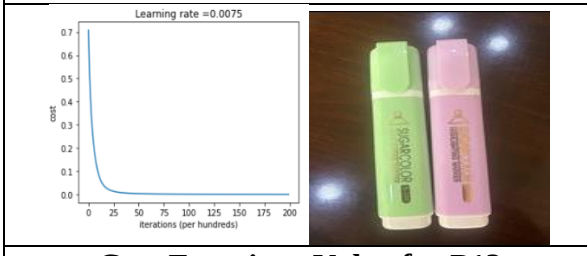
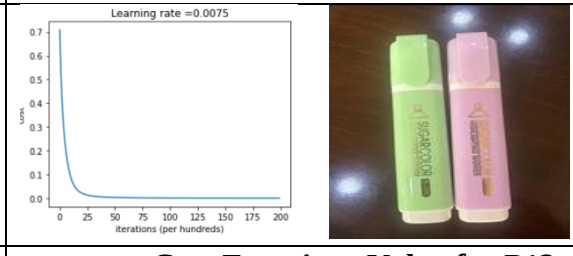
	
Cost Functione Value for P10	**Cost Functione Value for P10**
	
Cost Functione Value for P11	**Cost Functione Value for P11**
	
Cost Functione Value for P12	**Cost Functione Value for P12**