BRISK detector shows the highest number of keypoints detected, while HARRIS detects the fewest. With HARRIS corner detection, all keypoints detected were in the upper half of the car. However, FAST and ORB detectors take much less runtime while performing reasonably well for keypoint detection. Keypoint matching seems to perform generally better with BRISK detector than ORB detector.

Top 3 detector-descriptor combinations considering both latency and number of keypoints detected/matched:
1. FAST + BRIEF
2. FAST+ORB
3. ORB+ORB

Task 1.   Number of keypoints

											Detector
Time: 18.82 ms		125	118	123	120	120	113	114	123	111	112	Shi-Tomasi
Time: 21 ms		17	14	18	21	26	43	18	31	26	34	HARRIS
Avg Time: 0.972 ms		149	152	150	155	149	149	156	150	138	143	FAST
Avg Time: 374 ms		264	282	282	277	297	279	289	272	266	254	BRISK
Avg Time: 7.5 ms		92	102	106	113	109	125	130	129	127	128	ORB
Avg Time: 77 ms		166	157	106	161	155	163	164	173	175	177	AKAZE
Avg Time: 134 ms		138	132	124	137	134	140	137	148	159	137	SIFT

Task 2.   Number of matches keypoints

Detector: Shi-Tomasi

											Descriptor
Time: 343 ms		125	95	88	80	90	82	79	85	86	82	BRISK
Time: 1.6 ms		125	115	111	104	101	102	102	100	109	100	BRIEF
Time: 1.15 ms		125	106	102	99	102	103	97	98	104	97	ORB
Time: 42 ms		125	86	90	86	88	86	80	81	86	85	FREAK
Time: 74 ms		125	112	111	101	106	105	101	99	108	96	AKAZE
Time: 19 ms		125	112	109	104	103	99	101	96	106	97	SIFT

Detector: HARRIS

Time: 330 ms		17	12	10	14	15	16	16	15	23	21	BRISK
Time: 1.67 ms		17	14	11	15	20	24	26	16	24	23	BRIEF
Time: 0.96 ms		17	12	12	15	18	24	20	15	24	22	ORB
Time: 40.5 ms		17	13	13	15	15	17	20	12	21	18	FREAK
Time: 80 ms		17	14	14	18	17	23	27	14	26	24	AKAZE
Time: 21 ms		17	14	11	16	19	22	22	13	24	22	SIFT

Detector: FAST

Time: 342 ms		149	97	104	101	98	85	107	107	100	100	BRISK
Time: 1.15 ms		149	119	130	118	126	108	123	131	125	119	BRIEF
Time: 1.19 ms		149	118	123	112	126	106	122	122	123	119	ORB
Time: 43.29 ms		149	98	99	91	98	85	99	102	101	105	FREAK
Time: 71.9		149	128	132	121	133	119	127	133	126	115	AKAZE
Time: 26.33		149	118	123	110	119	114	119	123	117	103	SIFT

Detector: BRISK

Time: 333 ms	262	171	176	157	176	174	188	173	171	184	BRISK
Time: 1.69 ms	236	178	205	185	179	183	195	207	189	183	BRIEF
Time: 5.8 ms	264	162	175	158	167	160	182	167	171	172	ORB
Time: 42.8 ms	240	160	177	155	173	161	183	169	178	168	FREAK
Time: 70 ms	264	148	157	147	142	146	150	152	146	151	AKAZE
Time: 46 ms	264	182	193	169	183	171	195	194	176	183	SIFT

Detector: ORB

Time: 318 ms	83	73	74	79	85	79	92	90	88	91	BRISK
Time: 0.69 ms	66	49	43	45	59	53	78	68	84	66	BRIEF
Time: 4.8 ms	92	67	70	72	84	91	101	92	93	93	ORB
Time: 38 ms	46	42	36	44	47	44	51	52	48	56	FREAK
Time: 70.5 ms	83	42	53	57	55	49	54	74	60	61	AKAZE
Time: 48.5 ms	83	67	79	78	79	82	95	95	94	94	SIFT

Detector: AKAZE

Time: 315 ms	166	137	125	129	129	131	132	142	146	144	BRISK
Time: 2.1 ms	158	141	134	131	130	134	146	150	148	152	BRIEF
Time: 3.4 ms	166	131	129	127	117	130	131	137	135	145	ORB
Time: 43 ms	166	126	129	127	121	122	133	144	147	138	FREAK
Time: 68 ms	166	138	137	131	128	128	145	147	149	149	AKAZE
Time: 29 ms	166	134	134	130	136	137	147	147	154	151	SIFT

Detector: SIFT

Time: 325 ms	95	64	66	62	66	59	64	64	67	80	BRISK
Time: 0.95 ms	96	86	78	76	85	69	74	76	70	88	BRIEF
Time: 43.73	95	65	72	64	66	59	59	64	65	79	FREAK
Time: 63 ms	62	41	41	33	44	40	35	50	51	47	AKAZE
Time: 87 ms	138	82	81	85	93	90	81	82	102	104	SIFT