NEXTRICTIONS.
THO cottle has deed enabylis and risk assessment below.
HA-001 blood fee for the lares departure warring function as discussed in the lecture.
HA-002 blood fee for the lares shopping satisface function as discussed in the lecture.
These comes up with your own situations and hazards for the lares samplisance systems. Pill in the HA-002 mid HA-001 rows.
When finished, expert your propredicted set a perfit as so that a rowlever can easily see your work.

Harard ID	Struttonal Analysis						Hazard Identification						
Haraud ID	Operational Mode	Operational Scenario	Environmental Details	Situation Details	Other Details (optional)	Item Usage (function)	Situation Description	Function	Deviation	Deviation Details	Hazardous Event (resulting effect)	Event Details	Hazardous Event Description
HA-001	OM03 - Normal Driving	OS04 - Highway	ENOS - Rain (slippery road)	SD02 - High speed		8301 - Correctly used	Normal driving on a highway during rain (alippery road) with high speed and correctly used system.			The Lane Departure Warning function applies an oscillating torgue with very high torque (above limit.)	EV00 - Collision with other vehicle.	High haptic feedback can affect driver's ability to steer as internet. The driver loose centrol and could collide with another vehicle or side of the road.	The Lane Departure Warning function applies an oscillating torgue with very high torque (above limit.)
HA-002	OM03 - Normal Driving	OS03 - Country Road	EN01 - Normal conditions	SD02 - High speed		IU02 - Incorrectly used	Normal driving on a country road during normal conditions with high apeed and incorrectly used system.		DV03 - Function is always activated	Lane Keeping function is always activated	EV00 - Colition with other vehicle.	Driver use the function as if the car was a self-driving car and loose driving attention.	The driver do not use the function property.
HA-003	CM03 - Normal Driving	OS04 - Highway	EN01 - Normal conditions	SD02 - High speed		IU01 - Correctly used	Normal driving on a highway during normal conditions with high speed and correctly used system.	an oscillating	DV02 - Function unexpectedly activated	The camera sensor stop working and the Lane Departure Warning function continue to be activated.	EV00 - Collision with other vehicle.	The Lave Departure Warning continue to be activated and start executing random torque to the attenting wheel making the driver to loose control with potential collition with other vehicle.	The Lane Departure Warning start acting randomly when the careera sensor is not working.
HA-004	OM03 - Normal Driving	OS05 - Mountain Pass	EN01 - Normal conditions	SD02 - High speed		IU01 - Correctly used	Normal driving on a Mountain Pass during normal conditions with high apsend and correctly used system.	Lane Keeping Assistance (LKA) function shall apply the steering torque when active in order to stey in ego lane	DV07 - Actor action too late	The LKA applies the torque too late and thus the car gets off ego lane.	EV00 - Collision with other vehicle.	The driver expects the LKA to react in time and help him driving safely at all times. A slow reaction of the LKA can surprise the driver and results in side collisions.	The UKA function reacts too late.

		Determination of ASIL and Safety Goals					
Exposure (of situation)	Rationale (for exposure)	Severity (of potential harm)	Rationale (for severity)	Controllability (of hazardous event)	Rationale (for controllability)	ASIL Determination	Safety Goal
E3 - Medium probability	Driving on a highway with rain could happen between 1% and 10% of the time operating the wehicle.	83 - Life-threatening or fatal injuries	Collitions at high speed could cause fatal injuries.	C3 - Difficult to control or uncontrollable	It is difficult to stay calm and read properly when the steering well is moving too much.	c	The oscillating steering torque from th Lane Departure Warning function shall be limited.
E2 - Low probability	The convisition beween driving at a country road and misualing system should not happen oftern. Less then 1% of the time operating the vehicle.	53 - Life-threatening or fatal injuries	Collitions at high apeed could cause fatal injuries.	C3 - Difficult to control or uncontrollable	When the driver loose focus on driving, it is difficult to re-focus in the case of immerizent collition.	В	The Lane Keeping Assistance function shall be time limited, and additional steering torque shall end after a given time interval so the driver cannot misuse the system for autonomous driving.
E3 - Medium probability	Driving on a highway with rain could happen between 1% and 10% of the time operating the webide.	53 - Life-threatening or fatal injuries	Collitions at high speed could cause fatal injuries	C3 - Difficult to control or uncontrollable	When the chiver loose control of the vechicle is very difficult to realize the situation and act accordently.	С	The Lane Departure Warning function shall be deactivated when the camera sensor stop working.
E2 - Low probability	Driving on a mountain side once a month or more often for an average driver	\$3 - Life-threatening or fatal injuries	Collitions at high appead could cause fatal injuries at mountain side.	C3 - Difficult to control or uncontrollable	When the driver loose control of the vechicle is very difficult to realize the situation and act accordently.	В	The LKA function shall always react of time or inform the driver that it has a malfunction and turns itself off.