







🖈 🗶 🔻 🖫 🜀 😇 🖈 🦚 :

INS_Test_F	Run
Intelligent System	ms
Organic Computing	0 🏻
Preprocessing	
PiecewiseAggregateApproximation	0 🗖
Features	
Entropy Formula	0 🗖
Similarities	
SimilarityMeasurement	0 🏻
Segmentation I	
O Top-Down	0 🗖

Hierarchical Clustering	1 point		Not answered	
Match the criteria for cluster similarity with the cluste	ring process where they are used.			
	Complete Linkage	Single Linkage	Average Linkage	
$\max\nolimits_{x_{n} \in C_{l}, c_{l} \in C_{j}} \ x_{k} - x_{l}\ $				
$\frac{1}{ C_l \cdot C_j }\cdot\sum_{x_k\in C_l,x_l\in C_j}\ x_k-x_l\ $				
$\min_{x_n \in C_l, c_l \in C_j} \ x_k - x_l\ $				
	✓ Submit answer Next of	question >		

Techniques

Segmentation

Segmentation II Offline / Online

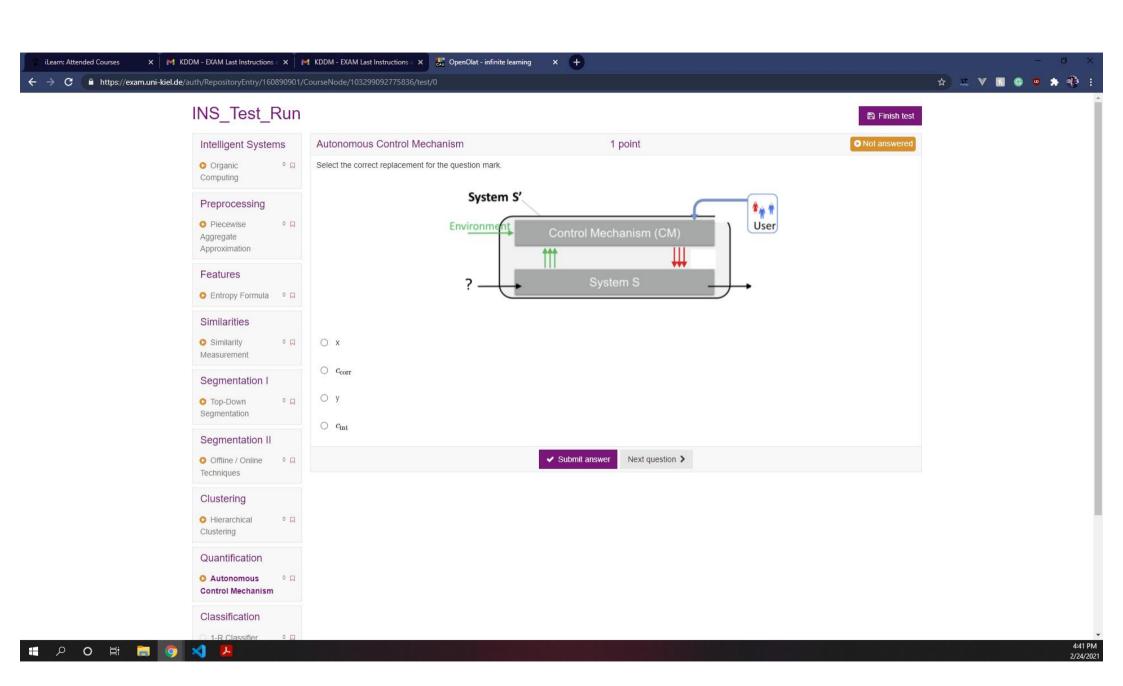
0 🖂

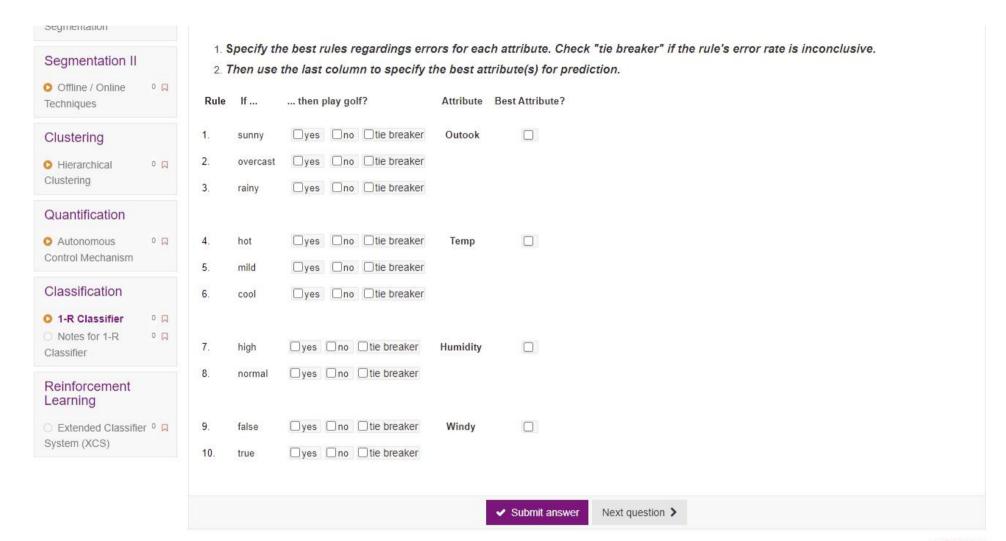
Hierarchical 0 🛛 Clustering

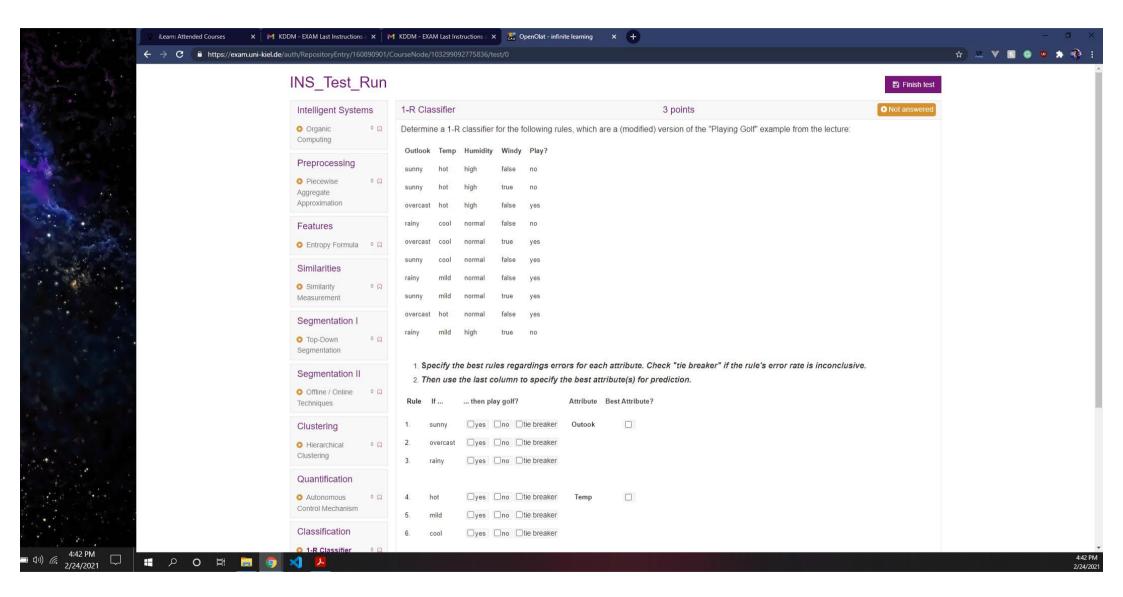
Quantification

 Autonomous 0 🖂 Control Mechanism

Classification







Notes for 1-R Classifier



Here you can leave notes about your calculations for the 1-R Classifier, like e. g. the error rates for the rules 1 to 10 or for the final 4 attributes.

This is **absolutly optional.** The notes will only be taken into account in case of an incorrect answer ("checking the boxes") to maintain the possibility obtain at least some points.

Notes on your calculations (e.g. error rates).



Next question >

Extended Classifier System (XCS)

1.5 point



For a given an Extended Classifier System (XCS) as proposed by Wilson in 1995:

Order steps for a single iteration through the main loop.

The XCS scans for matching classifiers to build a match set.

The action set consists of all matching classifiers that call for action α.

The action is carried out in the environment.

The prediction array is constructed to find the most promising action $\boldsymbol{\alpha}$

The rewards is used to update the action set.

A payoff and reward for action α is delivered.

At each timestep, the XCS retrieves a situation description from the observer.

Drop and order your selected items here...