



## Weekly School – Provincial Department of Education, Sabaragamuwa

Subject – Information & Communication  
Technology

WEEK 03

Grade 12

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Competency : 13 -Explores new trends and future directions of ICT

Competency Level :13.2 -Explores the fundamentals and applications of agent technology

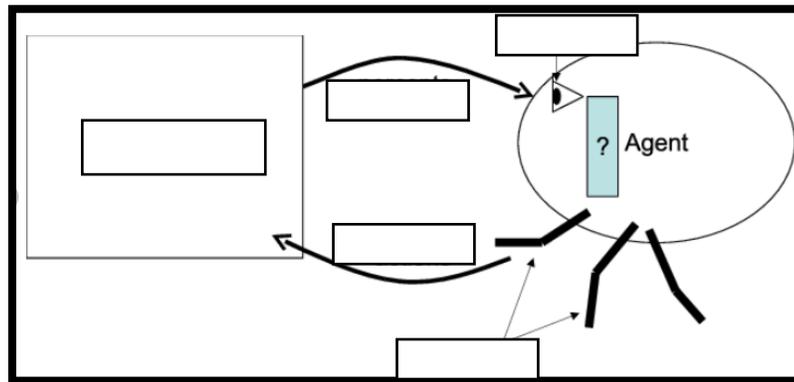
“A software agent is an piece of software that functions as an agent for a user or another program, working autonomously and continuously in a particular environment.”

01. What are the special characteristics of a software agent?

02. Compare a traditional software and a software agent using following format.

Fact	Traditional software	Software Agent

03. Fill the labels of the basic structure of an agent using given words.



(Actuators, Percepts, Environment, Actions, Sensors)

04. Write the applications of agents in following fields.

- Network management
- Web based marketing
- Weather forecasting
- Big data analysis on Social media
- User Customization in e- business