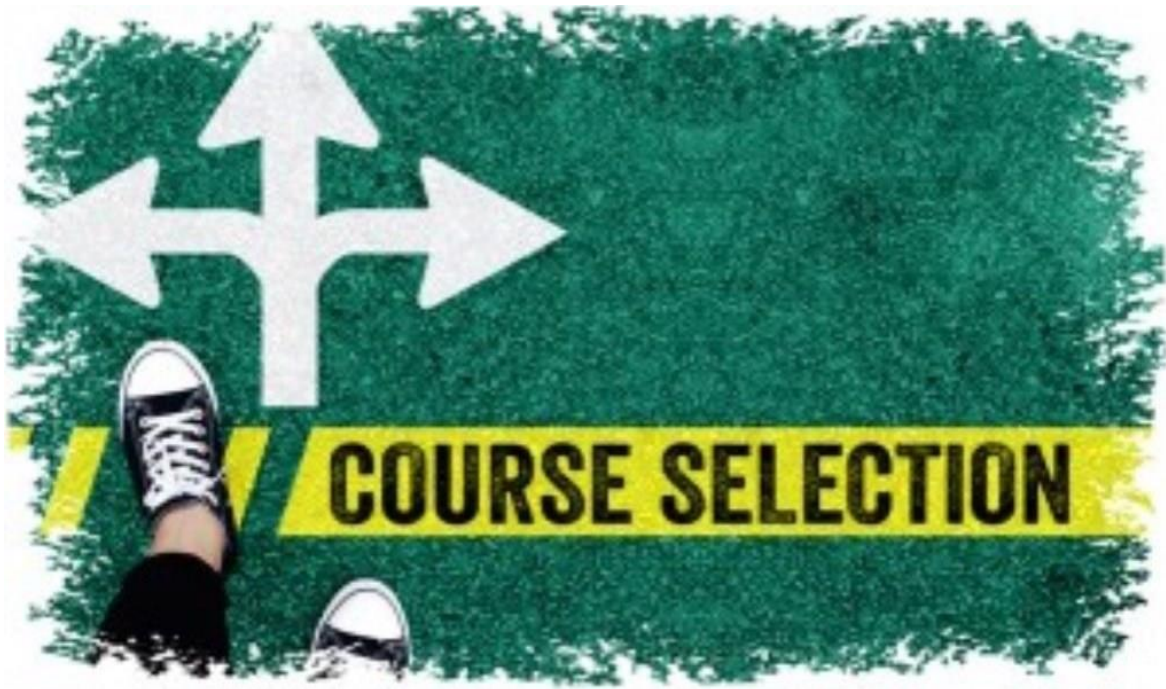


# **INTELLIGENT SYSTEMS**

## **CST 372-3**

### **EXPERT SYSTEM**



**UWU/CST/17/054**

**FACULTY OF APPLIED SCIENCES**

**DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY**

## Objective:

A proper undergraduate course selection is an important decision in the life of higher secondary students. Every year thousands of high school students in every country face the challenge of choosing their most suitable course. It is a difficult and time consuming task. So, In this work design & development of an Expert System for guiding the high school students for selection of their under graduate courses.

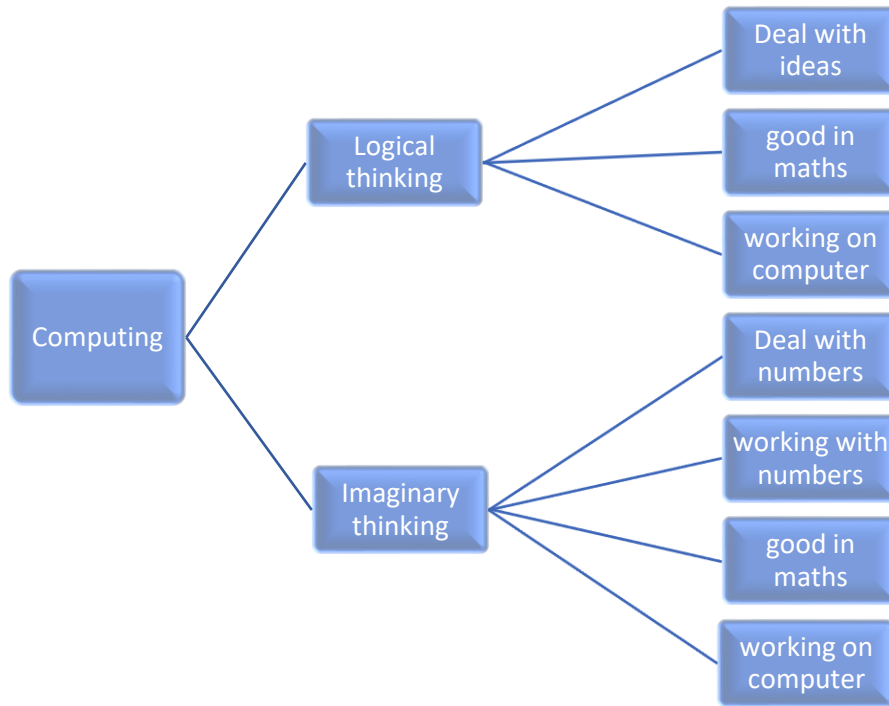


## Description:

Students can select suitable courses based on their qualification like person of logical thinking or Imaginary thinking , rational, Deal with ideas, Expert in physics, good in maths, like chemistry/biology/physics, discover new element, built big invention, challenge your self,life long learner, try to new thing, work with computer or hands, serving people, risk, serving minded, creative/artistic/musical, cook, etc..

Based on above qualification, students can select suitable courses like Engineering, Business, Science, Art, Hospitality, Biology, Computing, etc..

### For Example:



# Interfaces of System

1.To start the expert system, type 'start.' and press Enter key

```

SWI-Prolog -- c:/Users/PC/Desktop/System/course_selection.pl
File Edit Settings Run Debug Help
% Extended DLL search path with
% 'c:/Program Files/Java/jdk-13.0.2/bin/server'
% 'c:/Program Files/Java/jdk-13.0.2/bin'
Welcome to SWI-Prolog (threaded, 64 bits, version 8.2.2)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

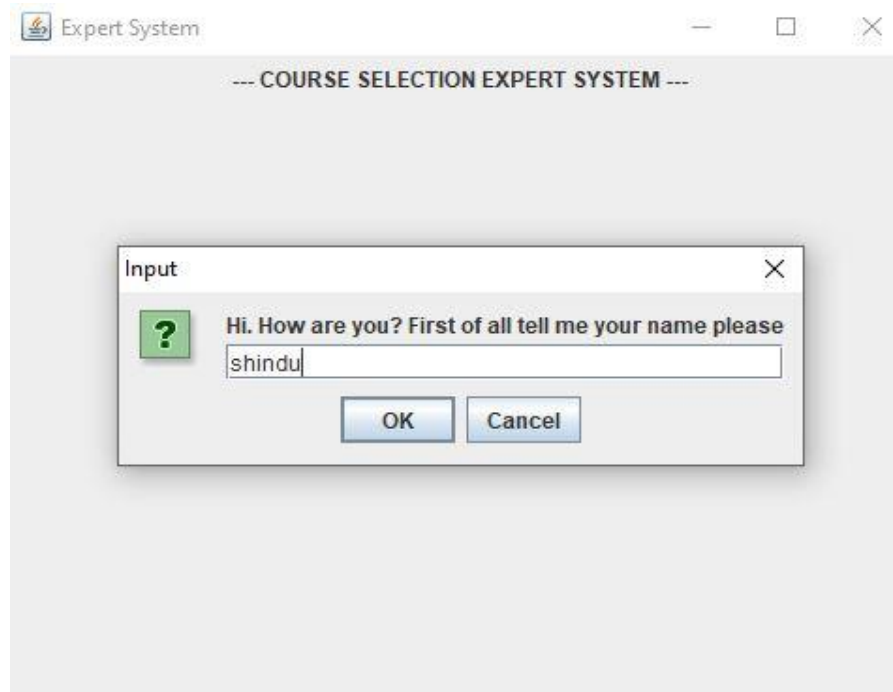
?- start.

*****
##### ||| COURSE SELECTION EXPERT SYSTEM ||| #####
*****

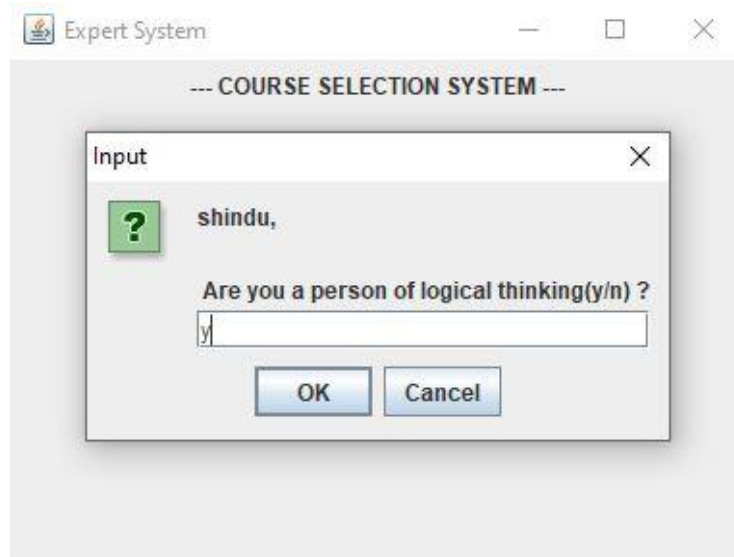
Which course should I take?
To answer, input yes or No shown next to each answer, followed by a y,n
■

```

2.First insert your name.



3.Then Answering the following question provide by yes or no.



4.

```

SWI-Prolog -- c:/Users/PC/Desktop/System/course_selection.pl
File Edit Settings Run Debug Help
Welcome to SWI-Prolog (threaded, 64 bits, version 8.2.2)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

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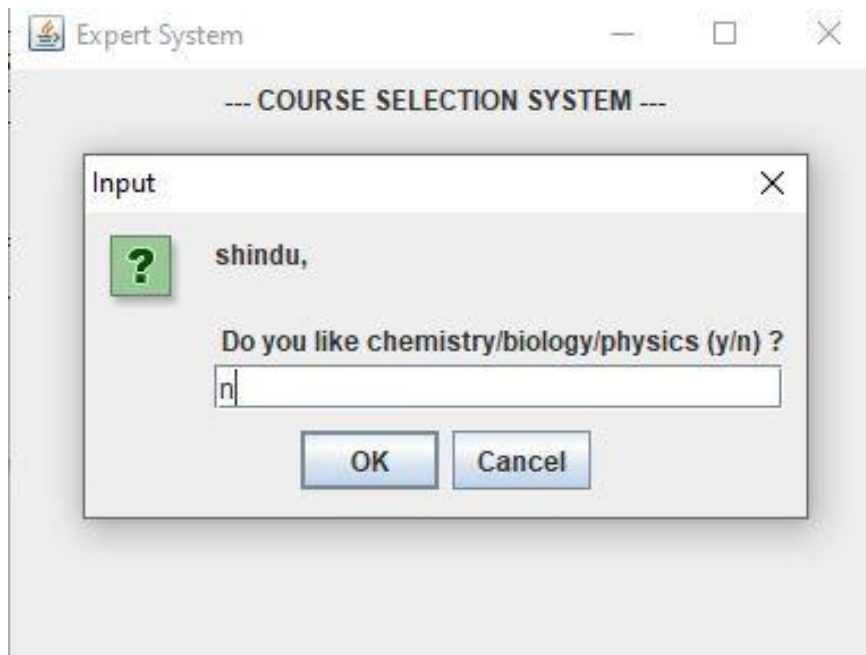
?- start.

*****
#####||| COURSE SELECTION EXPERT SYSTEM|||#####
*****

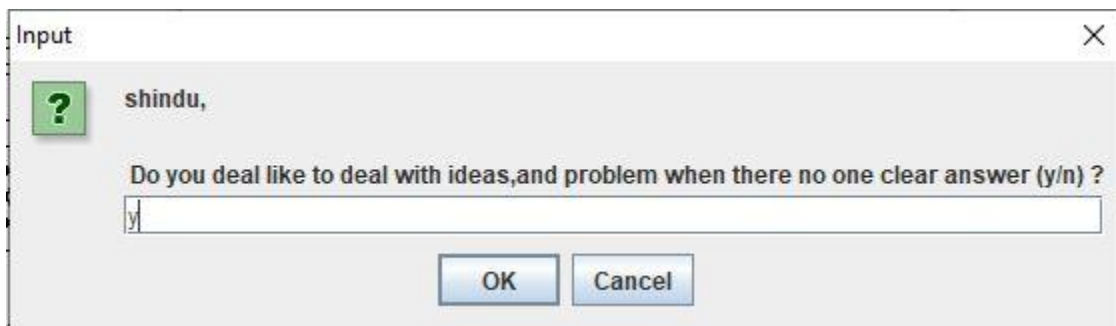
Which course should I take?
To answer, input yes or No shown next to each answer, followed by a y,n
Hi. How are you? First of all tell me your name please : shindu
shindu, do you Are you a person of logical thinking(y/n) ?y
Loading..
Loading...
Loading...

```

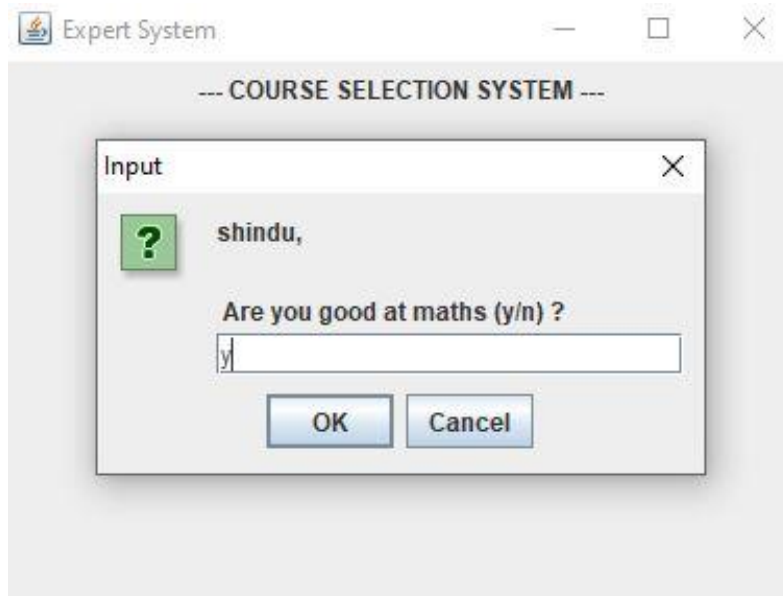
5.



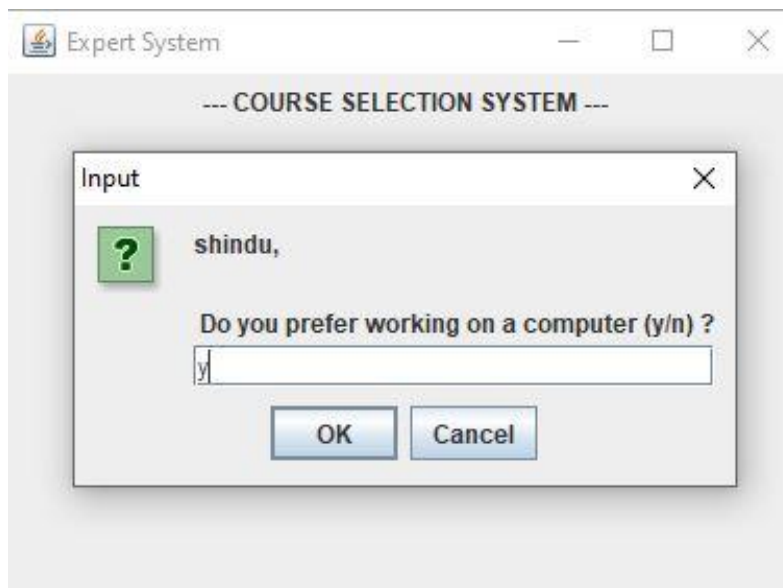
6.



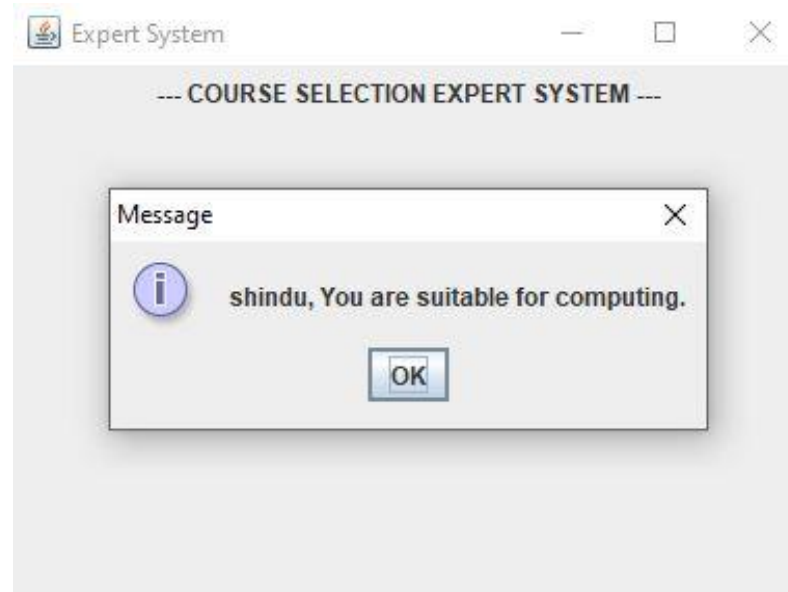
7.



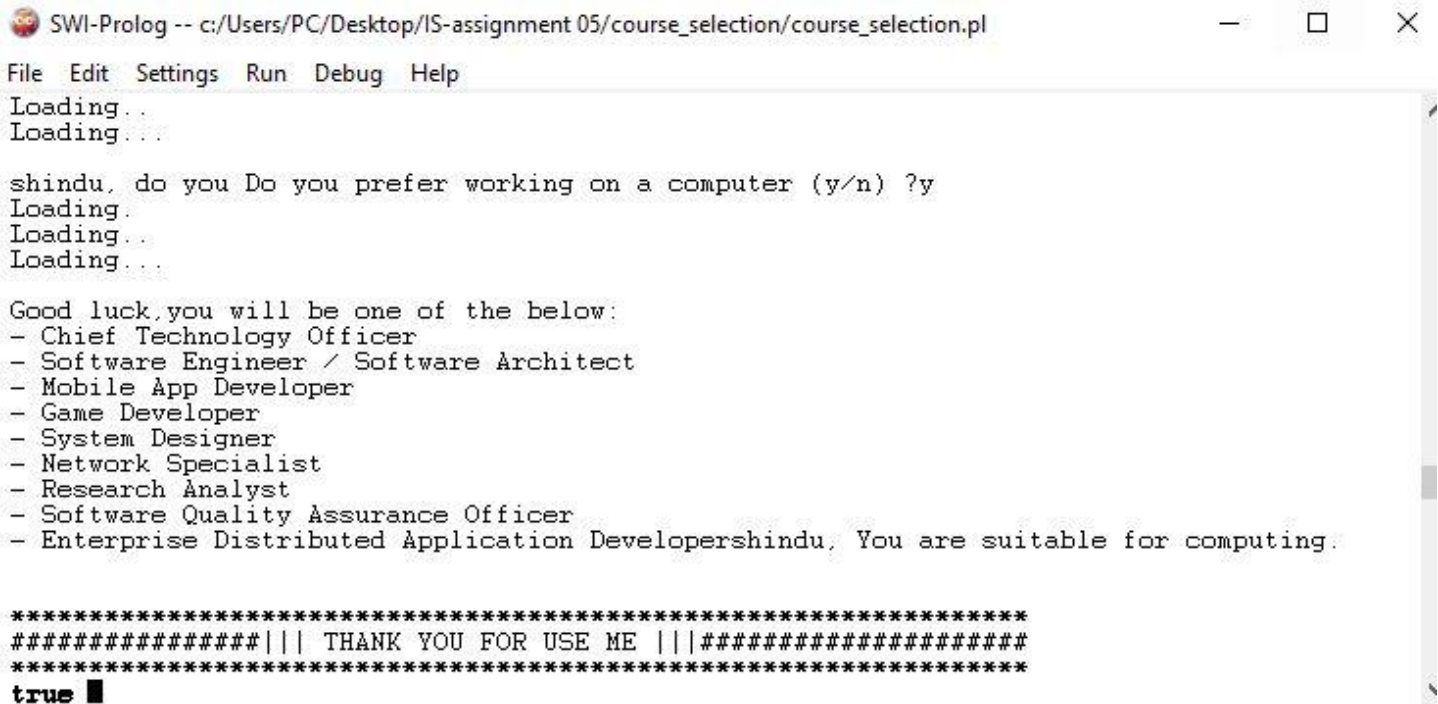
8.



9.



10. Finally you suitable for computing course and also it shows the suitable careers for computing.



```
SWI-Prolog -- c:/Users/PC/Desktop/IS-assignment 05/course_selection/course_selection.pl
File Edit Settings Run Debug Help
Loading..
Loading...

shindu, do you Do you prefer working on a computer (y/n) ?y
Loading..
Loading...
Loading...

Good luck,you will be one of the below:
- Chief Technology Officer
- Software Engineer / Software Architect
- Mobile App Developer
- Game Developer
- System Designer
- Network Specialist
- Research Analyst
- Software Quality Assurance Officer
- Enterprise Distributed Application Developershindu, You are suitable for computing.

*****
#####||| THANK YOU FOR USE ME |||#####
*****
true █
```