



# University of Asia Pacific

## Department of Computer Science & Engineering

**Course Title: Artificial Intelligence and Expert System Lab**

**Course Code : CSE 404**

**Lab Exam Report**

**Submitted By**  
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**Section: B1**

**Submitted To**  
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## Answer to the question no. 2

### Knowledge Base:

student(sumaiya).  
student(hridi).  
student(niaz).  
student(mahdi).  
student(sabrina).

score(sumaiya,low).  
score(hridi,low).  
score(niaz,high).  
score(mahdi,high).  
score(sabrina,average).

gpa(sumaiya,excellent).  
gpa(hridi,marginal).  
gpa(niaz,average).  
gpa(mahdi,excellent).  
gpa(sabrina,marginal).

viva(sumaiya,good).  
viva(hridi,bad).  
viva(niaz,good).  
viva(mahdi,moderate).  
viva(sabrina,bad).

selected(X):- score(X,high), viva(X,good); gpa(X,excellent).  
rejected(X):- score(X,low), viva(X,bad); gpa(X,marginal).

### Sample input/Output:

