

# UNIVERSITY OF ASIA PACIFIC

Department of Computer Science of Engineering



**Lab Mid Test:**

**Part-2**

**Course code: CSE(404)**

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

**Submitted By:**

Anik Chandra

ID : 18101070

**Submitted To:**

Dr. Nasima Begum

Assistant Professor

Part-2:

Prolog Code:

```
bigger(X,Y) :- Y is X-1.
```

```
bigger(X,Y) :- Y \= X-1,bigger(X-1, Y).
```

Sample Output:

```
?-
```

```
% e:/Anik/4.1 Semester/Artificial Intelligence Lab(404)/18101070part2
```

```
.pl compiled 0.00 sec, 5 clauses
```

```
?- bigger(100,1).
```

```
true.
```

```
?- bigger(100,1).
```

```
true.
```

```
?- bigger(8,10).
```

```
false.
```

```
?- bigger(1000,1).
```

```
true.
```

```
?- |
```