

**Birla Institute of Technology & Science, Pilani, K. K. BIRLA Goa Campus**  
**Computer Programming (CS F111)**  
**Second Semester 2013-2014**

**Lab-7 (C Programming - Arrays and Strings)**

---

**Question**

Write a program to check the syntax of **for** statement in C using the concept of array. In the program you should check the syntax of for loop basically with respect to parenthesis, semicolon and coma symbols that appear in the statement.

***Some of the valid statements are:***

```
for(;;i++);
```

```
for(;;i++)
```

```
for(i=0;i<10;i=(i+5))
```

```
for(i=0;i<10;i=(i+5));
```

```
for(i=0;i<10;i++)
```

```
for (i=0,j=20;(i<10 && j>0); i++,j-=2)
```

```
for (i=0,j=20;(i<10 && j>0); i++,j-=2);
```

---