Cycle 3

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CS7B – Roll No :31

Question 2

Write program to find Simulate First and Follow of any given grammar.Virtual programming lab

Output:

```
mec@cl1-1-1:~/CS7B$ gcc pg2.c
mec@cl1-1-1:~/CS7B$ ./a.out
Enter the no of productions:
3
Enter the productions:
A=abc
A=def
A=ghi
Enter the elemets whose fisrt & follow is to be found:A
First(A)={adg}
Follow(A)={$}
Continue(0/1)?0
mec@cl1-1-1:~/CS7B$
mec@cl1-1-1:~/CS7B$ ./a.out
Enter the no of productions:
3
Enter the productions:
B->AB
A->a
B->b
Enter the elemets whose fisrt & follow is to be found:A
First(A)={>}
Follow(A)={>>}
Continue(0/1)?1
Enter the elemets whose fisrt & follow is to be found:B
First(B)={>>}
Follow(B)={$}
Continue(0/1)?
```