AIM: Compute First and follow sets of given grammar.

Output:

```
Enter the number of Productions:3
S->AB
A->^
B->b

Grammar:
S->AB
A->^
B->b

First(S) = { b }
First(A) = { ^ }
First(B) = { b }

Follow(S) = { $ }
Follow(A) = { b }
Follow(B) = { $ }
```

```
Enter the number of Productions:6
S->A
S->B
S->C
A->a
B->b
C->c

Grammar:
S->A
S->B
S->C
A->a
B->b
C->c

First(S) = { a b c }
First(A) = { a }
First(B) = { b }
First(C) = { c }

Follow(S) = { $ }
Follow(A) = { $ }
Follow(B) = { $ }
Follow(C) = { $ }
```

```
Enter the number of Productions:5
S->Aa
S->Bb
A->a
A->^
B->b

Grammar:
S->Aa
S->Bb
A->a
A->^
B->b

First(S) = { a b }
First(A) = { a ^ }
First(B) = { b }

Follow(S) = { $ }
Follow(A) = { a }
Follow(B) = { b }
```

```
Enter the number of Productions:6
S->Aa
S->Bb
A->a
A->^
B->b
B->^

Grammar:
S->Aa
S->Bb
A->a
A->^
B->b
B->^

First(S) = { a b }
First(A) = { a ^ }
First(B) = { b ^ }

Follow(S) = { $ }
Follow(A) = { a }
Follow(B) = { b }
```

```
Enter the number of Productions:6
S->Aa
S->Bb
A->cA
A->^
B->dB
B->^

Grammar:
S->Aa
S->Bb
A->cA
A->^
B->dB
B->^

First(S) = { c a d b }
First(A) = { c ^ }
First(B) = { d ^ }

Follow(S) = { $ }
Follow(A) = { a }
Follow(B) = { b }
```

```
Enter the number of Productions:5
S->aACbc
A->x
A->^
C->y
C->^

Grammar:
S->aACbc
A->x
A->^
C->y
C->^

First(S) = { a }
First(A) = { x ^ }
First(C) = { y ^ }

Follow(S) = { $ }
Follow(A) = { y c }
Follow(C) = { b }
```