**OUTPUT:**

|  |
| --- |
| No. of productions: 3  Enter the productions of grammar  Production 1: S->aTb  Production 2: T->cUd  Production 3: U->e  Enter the string: acedb  The string is valid as per given grammar.  No. of productions: 2  Enter the productions of grammar  Production 1: S->xTa  Production 2: T->yb  Enter the string: xayb  The string is not valid as per given grammar. |