```
a) 1) To add first 10 terms of seves using for
                      1/11+2/21+3/31.
                 #include < bits | stdc++. h>
                  wingnamespace std;
                  double sum (double sum1)
                    double result=0, jactorial=1;
                    for Cint 1=1; ic=sum1; i++)
                          factorial = factorial + ;
                           result = result + ( i/factorial);
                      return result;
                   int main ()
                         double n;
                         cins> "fater the value of n">>n;
                         cout LL "Sum: 4 L( sum(n);
                          return 0;
                     2
         To print fibonacci series:-
         function to print those numbers (pseudocode):_
                 void printseries (int n)
                   § int 8=0, 81=1, 1;
                      y CDLI)
                         return;
                     cout LLTLLdu;
                      for (i=1; izn; i++) ;
                          COULLCOILLUY
                        int next = otal;
                          82=nort
```

Matriz pseudoude matrixoperations (Int row, int column, int n) int Acroscios; Coutee "Entern the no. of nows es columns Es integern " ex 4 cin>> 200>> column>> n; for Cint i=v, icow; itt) for cint j=0; j zcdumn; j++) Cout Le you entered 4 Le 704; for (1=0 ; 12000, 1++) ¿ for (j=0; jz:column; j++) cout LL ACITEIT LL" 4, cout LL"In", for (= 0 ; i c 80 w ; i + +) for (j=0;j2column;j+t) ACIDCIJ = n+ ACIDCIJ; 8

```
To print the words of digits:
    void printvalue (char digit)
          switch (digit) {
           case 'o': cout LL " zero"; break;
           case 11': cout LL " one"; break;
           case 121: Cout LL "Two"; break;
          case 181: cout cc "Three"; break;
           case 141: Cout LL "Four"; break;
           case 151: Cout LL " Five"; break;
           case 161: cout LL 4 Six4; break;
            case 171: cout 12 " Seven"; break;
            case 181: cout LL " eight"; break;
            case 'q'; cout LLu nine"; break;
       void wordprint (string N) {
             int 1, length = N. length();
            for Ci=0; ic lungth; i++) {
                printvalue (NICI);
kmp algorithm to check | python implementation:
    def isward present (sentence, word):
            mord = word, upperc )
           senturce - senturce upper ()
            (is=sentence.split()
           of CUs.countword)>0):
               return True
                return false.
           kmp string matching algorithm also is
               benefitial.
```

