```
(i)
#include Liostream>
# include / time.h>
# include (Stalib.h)
Using namespace std;
Void SWAP (int*P, int LP, int SP, int's)
ş
    int temp1, temp2;
     For (int i=0; i<s; it+)
     {\mathcal{E}} if (P[i] = = LP)
          { temp[=i;
          if(P[i] == SP)
          { tamp2 = 1;
     P[temp1] = SP;
     P(temp2] = LP;
Void cum (int *a, int s)
   int help[s];
     help[0] = a[0]
    for (int =1; ? LS; i++)
         halp [i] = a[i] + help[i-1];
```

```
for (int k=1; k<s; k++)
       a[k]=help[k];
Void print (int *P, ints)
Ę
    coul LLend;
    for (int i=0; i25; i++)
     { cout<<PTiJ<<"";
int main ()
E
    int n, LP, SP;
   cout << ("Enter the size of array: ";
   cin >> n ;
   int * A = new int [n];
   Srand (time (0));
  for (int i=0; i<n; i+t)
      A[i] = rand() %, 50;
      Coutex A[i] << " ";
  LP=A[0];
 SP=A[0];
```

```
for (int k=0; K<n; k++)
     if (LP<ALK])
        LP=A[K];
     if (3P>A[K])
     3 SP=A[k];
 Coutes "INLP" / KKLP;
couted "Insp" < SP:
 SWAP (A, LP, SP, n);
Cout << "In After swap: ";
Print (A, n);
cout << endl;
cum (A,n);
cout << ((In cumulative sum: ");
Print(A,n);
 delete []A;
 return 0;
```

```
(2)
 #include Liostream>
 Using namespace std;
 int sum = 1;
int fib (inta, itt b, int n)
    if (a == 0)
        cout << 0 << ( " << 1 << ( ");
  int temp;
  temp=a+b;
   a=b;
   b = temp;
  Cout << temp << " ));
  Sum = sum + tamp;
   if (n-2>0)
      fib (a, b,n);
    return sum:
 int main ()
    ints.
    3= fib(0,1,15);
   coutex "In the summation is "> << s;
   return o;
```

```
3 #indudeciostream>
  # include (stack)
 Using namespace std.;
void print_stack (stack Lint) a)
3
    Stack (int>b=a;
     while (!b.empty())
          couted b.topl) 22 "In";
          b. Pop();
                          i . . .
int main ()
 Z
    int inpix;
    Stack Links b;
    Stack Lint>s;
  for (int 1=0; 1<10; i+t)
   { coute " Enter a stack value: ";
       Cin>> inp;
       5. Push (inp);
    3
   cout << " The initial stack: In";
  Print_stack(s);
  cost ex or Enter a value, up to which
 Cout << ( Enter the element to Pop: ");
 cin>>x;
 cout << " The stack after delete: In";
```

```
while (!s.empty())
     if (!(s.top()>=x))
      & b. Push (s. top());
      s.pop();
While (!b.empty())
    s. push (b. top());
    b. Pop();
Print_stack(s);
 return o;
```