```pascal
program mardi19_05_2009_9h;
uses wincrt;
type
tab = array[1..30] of integer;
var
t, ts : tab;
n ,k : integer;
procedure saisie(var t : tab; var n : integer;var k : integer);
var
i : integer;
begin
repeat
write('donner n : ');
readln(n);
until n in [5..30] ;
for i:= 1 to n do
repeat
write('t[',i,']:');
readln(t[i]);
until t[i]>0;
repeat
write('donner k : ');
readln(k);
until k in [2..n-1];
end;
function somme(t: tab; a : integer; b : integer) : integer;
var i,s : integer;
begin
s:= 0 ;
for i:= a to b do
s:= s+t[i];
somme := s ;
end;
procedure remplir(var ts : tab; t : tab; n : integer;k : integer);
var i : integer;
begin
for i:= 1 to n-k+1 do
begin
ts[i] := somme(t,i,k);
k:= k+1;
end;
end;
procedure affiche(ts : tab ; n : integer;k : integer);
var i : integer;
begin
for i:=1 to n-k+1 do
write(ts[i],' ');
end;
begin
saisie(t,n,k);
remplir(ts,t,n,k);
affiche(ts,n,k);
end.
```